

Sorting cattle by frame size can help profit line: professor

Overfeeding small-framed cattle and underfeeding large-framed cattle can cut into cattlemen's profits.

Failing to recognize the interplay of frame-size and feeding needs, say Texas Tech University researchers, is a common problem which lessens feeding efficiency and reduces profits.

"By sorting cattle by frame size and slaughtering them at the right time,"

said Animal Science Prof. Robert A. Long, "you can pull a \$20 bill off the tail of each steer."

These findings are contrary to a long-held tenet of the cattle industry that large-framed cattle produce carcasses with the best cost efficiency.

The results of research at Texas Tech's experimental laboratory at New Deal show that cattle of all frame sizes can be just as efficient if they are fed and marketed

according to their frame size. Over-feeding of small cattle and under-feeding of large cattle can be eliminated by considering frame size.

Dr. Long stressed the importance of two genetic traits in his cattle research: frame size and muscling. Frame size refers to the height and length of the steers, based on careful measurements of skeletal features. Muscling refers to the non-fat meat on the bones.

He said that a basic law of anatomy, first discovered by Leonardo da Vinci, states that an increase in the size of an individual bone means a proportional increase in the size of all bones in that skeleton. The same principle holds for muscles.

"If we can look at the forearm or hindquarters of a steer, then we know that every other muscle is equally developed," Long said.

Unusual disease: Deficiency of thiamin causes nerves disorder

Although cattlemen don't generally expect to see thiamin, vitamin B1, deficiency in their herds, special situations can cause it to appear. And the results can often be very serious.

Polioencephalomalacia (PEM) is a disease associated with thiamin deficiency.

PEM is a severe nervous disorder characterized by blindness, decreased feed intake, incoordination, failure of the rumen to contract, spasms and paralysis. Professor John R. Brethour, Kansas State University

Fort Hays Experiment Station, discussed PEM at a "Vitamin Nutrition Round-Up" seminar recently. Over 100 feed and chemical industry representatives attended the seminar.

"Ruminants normally are not exposed to dietary thiamin deficiency. Feedstuffs usually contain adequate amounts of thiamin and the vitamin can be synthesized by rumen micro-organisms. However, it is important for producers to realize that times may exist when thiamin should

be added to cattle diets, and they should understand those factors that may upset thiamin nutrition."

Brethour added, "Stress can affect both thiamin uptake and synthesis. Rumen fermentation systems of cattle are subjected to tremendous insult during weaning and shipping. PEM incidence seems greatest after those stresses."

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Bull Test Results

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163 bulls
Average daily gain . . . 2.52 lbs.

The top gaining Hereford bull on test is from Redd Ranches, Paradox, Colo. This April 4, 1980 son of RR Arden 4052 has a ADG of 3.49, a WDA of 2.80 and an overall index of 138. Among the Polled Herefords on test, the top gainer is from Gary Witherspoon, Ignacio. This March 28, 1980 son of MSU Magnum 830 has a ADG of 2.43, a WDA of 2.00 and an overall index of 106.5.

The top gaining Angus bull on test is from Nerman Natzke, Montrose. This March 5, 1980 son of Berge Emula 82 has a ADG of 3.32, a WDA of 2.72 and an index of 124. Redd Ranches also has the top gaining Red

Angus, a Feb. 29, 1980 son of LCHW Full Power 1843. This bull has a ADG of 3.42, a WDA of 2.81 and an overall index of 127.6 Weeks Farms, Olathe, has the top gaining Simmental bull on test, gaining 4.18 ADG. This Feb. 27, 1980 son of Alpine Polled Proto has a WDA of 3.63 and an index of 136.5.

Leading the Limousin division is the entry from Freeman Limousin, Montrose. A March 1, 1980 son of Lacoube Excel, this bull is gaining 3.48 ADG, 3.19 WDA and he has an index of 127. Topping the Charolais division is the bull entered by Joseph Eplich, Mancos. A March 17, 1980 son of Prince Valiant 5326, he is gaining 3.35 ADG, 3.04 WDA and has an overall index of 110.5. Among the Sakers, the top gaining bull is from Brush Creek Ranch, Eagle. A March 30, 1980 son of Max, he has an ADG of 3.30, a WDA of 2.70 and a test index of 114.

Results from the research indicate that cattle of the same frame size reach optimum slaughter at the same time, provided they are of the same age and condition. Small-framed steers reach optimum slaughter first, then medium-framed steers, and finally large-framed steers.

"Two steers of different frame size cannot be slaughtered efficiently at the same time," Long pointed out.

In Long's research, he found that steers fed past the optimum slaughter time for their frame size, bring less profit when marketed because of undesirable yield grades. However, steers not fed long enough also brought less profit because they did not attain choice quality.

Efficiency, or market profit in relation to feeding costs of the steers, also was studied by Long. He found that cattle fed past the choice quality grade gain weight with increasing inefficiency. They require more and more feed per pound gained.

In his earlier research, Long concentrated on determining optimum market times for cattle of different frame sizes. His recent experiments he examined muscling relative to frame size. For the Charolais crossed with the same frame size, with different degrees of muscling.

The muscularity of a steer is a genetic trait that is conditioned by environment, Long said.

Long is seeking to determine whether a more efficient at conversion feed to meat than large-muscled fat cattle of equal weight. Experimental results so far do not suggest this belief, so Long and his student research assistants are exploring possible explanations.

Findings concerning carcass characteristics of heavily muscled versus lightly muscled cattle show that heavily muscled carcasses are leaner, but larger rib-eyes and yield higher percentage of edible meat, thus bringing higher price.

Comments

Iowa Congressman Neal Smith contends that 32 traders control the cattle futures trading on the Chicago Mercantile Exchange.

That these traders actually manipulate the market to their profit while causing tremendous losses to the industry as a whole. This fall and winter we've attended numerous conventions and have found grass roots sentiment growing in opposition to futures trading of cattle. Now, we'd like to share with you a letter we received from Kansas subscriber, Doug Wildin, on the futures controversy.

"I read with interest the article in the Feb. 9 issue that the marketing committee of the NCA defeated a resolution calling for the NCA to work to eliminate live and feeder cattle futures trading.

"It was also pointed out by James Jones, the knowledgeable chairman of the CTC, at the NCA workshop meeting, that he felt full disclosure of the identities and positions of large traders should be made. An NCA survey pointed out that more than 90% of the respondents believed that excessively large futures holdings influence price movements.

"Yet it appears that some people in NCA still believe that the boards of trade will solve the futures trading problem for them instead of listening to their knowledgeable producer members.

"However, it is becoming common knowledge that the boards of trade and futures industry thrive on highly volatile and unstable markets, which is just the opposite to producers' needs; in Jan. 19 FORBES Magazine, Chicago Board of Trade President Wilmoth said: 'market breaks actually help us. Futures markets thrive on economic uncertainty, high interest rates and violent price swings.'

"At the convention in Phoenix, NCA president Carlson was quoted as saying 'the cattle industry needs to turn positively in a direction that will mean more stability and profit to which we all say 'amen'.

"But it is abundantly evident that we won't achieve this stability until we either throw futures trading out or tighten futures trading rules a lot. Speculators should be required to take on a cost of production and investments, when they want to trade. Require traders to buy before they can sell. This would stop speculators from selling large quantities of commodities they don't own in hopes of driving the price down so they can buy back at a depressed price and make a profit.

Ranchers simmer over utilities' 'tough-guy' tactics

By MARTHA WILLIAMS and ALEX MOSTROUS

Giant power lines seem to march across the country in the straightest line possible, and to ranchers and farmers they are one more plague of civilization. Ranchers are finding that easements granted 20-30 years ago can now be used for power lines that soar 175 ft. and carry 500 kilo volts of power and more—triple the size and capacity the original easement was for.

Temperments recently have flared to the point of shooting incidents in several parts of the country, and one discouraged opponent sarcastically said, "that seems to be the only course of action open."

As farmers and environmentalists join forces to protest power line placement and Federal Power Administration (FPA) agencies' arrogant disregard of state and local regulations, they have found that there are few—if any—processes available to force delays or hearings on proposed new lines.

Western Livestock Journal talked with George and Dick Lacey of Lacey Hereford Ranches near Drummond, Mont., about their battle with the Bonneville Power Administration - Montana Power Company Colstrip power plants. The history of the development of this project echoes stories from Ohio, Illinois, Minnesota and Nebraska, to name only a few.

Lacey, and other ranchers, admit that the present project they are protesting will probably eventually go through. Although Montana has a Major Facility Siting Act that requires major power plants and their transmission lines be approved by the State Board of Natural Resources after hearings on environmental, economic, and safety and need considerations agencies like BPA contend their federal status makes them exempt from having to comply with state law. Although state and private power companies enjoy no

such exemption, when they join forces with a federal agency as in the Colstrip project in Montana, they escape the hearing process too.

What is particularly distressing to many western ranchers is the fact the federal government owns most of the land, and the ranchers see little attempt to site the power lines on federal lands, or use rights of way like super highways where the environmental (Continued on page 12)

WESTERN LIVESTOCK JOURNAL

A CROW PUBLICATION

News • Trends • Sales • Shows • Markets

March 9, 1981 Central Edition Vol. 80, No. 19

Big-traders cash-in: Smith alleges futures price scheme

U.S. Congressman Neal Smith, D-Iowa, recently charged that a scheme exists which predicts certain changes in live cattle futures with 100% accuracy and denies Corn Belt cattle feeders the opportunity to hedge at the cost of production levels.

In a press conference, Smith claimed that 32 large cattle traders were dominating price fluctuations in the live cattle futures market. Smith has made similar charges of big-trader market manipulation in the past.

He did not name any of the 32 traders allegedly involved in the manipulation, but said they are "larger traders and have direct business affiliations and/or highly correlated trading activities."

Smith said the House Small Business Committee obtained information that pointed to this "domination" that was not available to the public.

In an updated report, Smith claimed that live cattle futures prices drop every time they go above the cost of production for small feeders. He claimed the system has worked with 100% accuracy during the past three years.

"This predictable bias exerts a downward pressure on live cattle futures prices and is seriously aggravating the problems of feeders other than the very large

commercial lots of those who are profiting from this particular activity," Smith said.

The report was also submitted to the Commodity Futures Trading Commission. However, Smith has not provided the Chicago Mercantile Exchange the findings of his "study," claiming "it already has access to this information."

Over the period January 1978 through April 1979, these 32 traders as a group realized a total net profit (not including commissions, brokerage fees, clearing-house fees or other trading costs) in live and feeder cattle futures of approximately \$110,000,000 or an average of \$3,467,000 each. Smith emphasizes that these profits were from all trades made by these 32 traders over the 16 month period ending in April 1979, while the predictability of live cattle futures prices has been going on for at least 36 months (since January 1978). At this time, we do not have estimates of profits since April 1978. Over the period for which data were available, all large traders (1,027 in number) had total net profits in live and feeder cattle futures of approximately \$166,000,000. Thus, 3% of the large traders with correlated trading activity and/or common business affiliations accounted for 70% of the total net profits

of large traders.

As a group, the 32 traders were not sellers of live cattle futures on or about 14 out of the 16 dates when the signal predicted price during this period.

It is Smith's strong opinion that the results of this study mean that the live cattle futures market, as presently performing, is not meeting the minimum reasonable economic purpose test and that it is resulting in harm to the very people it is supposed to serve.

He told reporters that he had not "tried out" the scheme since the completion of the study to see if the plan can still predict market action. He and four committee staff members were the only people with access to the findings before Feb. 27.

Cattlemen urge Congress support

The U.S. cattle industry strongly supports current efforts to cut federal spending, reduce tax rates and ease the costly regulatory burden on American agriculture and business.

That was the message being taken to Congress this week by directors of the National Cattlemen's Assn.

More than 100 NCA board members, in connection with a meeting in Washington, fanned out across Capitol Hill to urge their legislators to support

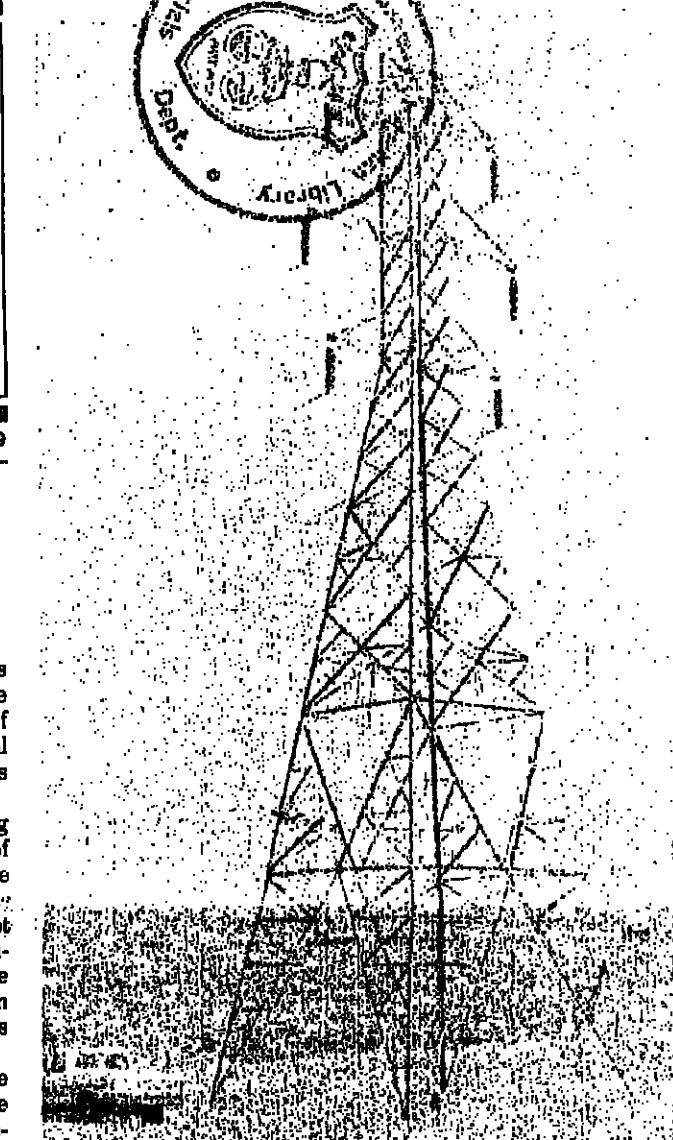
fiscal policies which will help bring inflation under control.

The cattlemen urged lawmakers to support:

1. Total federal budget cuts at least as large as proposed by the administration.
2. Individual and business tax rate reductions and acceleration of depreciation; plus indexing of capital gains, including inflation.
3. Legislative and administrative changes which will ease the current burden of excessive government regulation.

"We are one special interest group that believes the so-called special interests of individual segments of our society and economy must be set aside," said J.W. (Bill) Swan, NCA president. "We believe that the only game in town right now is reducing government spending and adopting tax programs which will promote, not stifle, savings and capital investment."

"We are going all out in support of the administration and lawmakers of both parties as they push for



PROGRESS?—The battle of the utility companies and federal agencies continues in parts of the West. (Staff photo by Alex Mostrous)

\$1 Checkoff in your future?

To help the beef industry conduct better financed and coordinated market development programs, the Beef Industry Council of the Meat Board recently approved several recommendations.

The recommendations, which were developed at the Meat Board's Winter Meeting, Feb. 15-17 in Chicago, include the following:

- States that currently have an existing beef council and cattle checkoff program should move as quickly as possible to increase their checkoff rate.
- States that do not have a beef council or cattle checkoff are encouraged to implement such programs.
- States without enabling legislation for their checkoff are encouraged to consider it since this method usually offers greater uniformity, efficiency and equity over voluntary systems.
- All states should move immediately to a minimum checkoff of 25 cents per head each time cattle or calves are sold and work toward a goal of \$1.00 per head or higher checkoff level. This investment level would enable the industry to program 30 cents or more per consumer for advertising, promotion, education and research.
- Each state should invest at least 40% of its collections in national programs coordinated with the national programs.

(Continued on page 12)

across-the-board budget cuts and reductions in tax rates.

Swan noted that cattlemen currently are in a devastating cost-price squeeze. However, he said, the only sound answer to this problem lies not in more (Continued on page 12)

The 10th ANNUAL

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Cattle futures clouding supply-demand picture

House Small Business Committee economist John Helmut told CNS today that the committee's concern about cattle futures trading stems from evidence that the market does not provide an accurate picture of cattle supply and demand.

Rep. Neal Smith, D-Iowa, the committee's ranking majority member, released a report charging that cattle futures prices were vulnerable to predictable periodic downward pressures resulting in large part from a lack of long hedging in that market.

Helmut, the report's author, said that if the cattle futures market were operating as a true price discovery mechanism, such predictable downward price pressures would not occur. Currently, large commercial

feedlots, whose production costs are lower than those of midwestern farmer-feeders, sell cattle futures when futures prices exceed their costs of production. Officers of feedlots, grain companies and meat packing firms then jump on the selling bandwagon and create so much selling pressure that prices inevitably decline, regardless of the strength of live cattle demand.

According to Helmut's report, speculators who are aware of this predictable price pattern reap enormous profits in the cattle futures market. Between January 1978 and April 1979, 32 large speculators reaped average profits of 3.4 million dollars by following this predictable pattern, Helmut said. During this period, cattle supplies were relatively short in the face of

strong demand. The committee did not disclose the names of these 32 traders.

The findings of the report called attention to the relative lack of long hedging interest in the cattle futures market, which downplays the impact of cattle demand as an influence on futures prices, he said.

According to the report, during the study period there were four times more short hedgers than long hedgers in the cattle futures market. The longes in the market were mostly speculators.

According to Helmut, most meat packers are short hedgers, because beef is not sold under a fixed price forward contract.

Helmut said the Chicago Mercantile Exchange could increase the number of long hedgers in cattle futures by

implementing changes making contracts more attractive to long hedgers. Live cattle contract designed to attract long hedgers have been implemented by CME, effective with August 1981 contract.

"However, I doubt just fine-tuning of specifications would solve the problem," he said. "The solution would be inception of a viable beef or boxed beef market."

Helmut said the longes in the cattle futures market make it impossible for midwestern farmer-feeders to hedge against losses in production.

Australia study supports meat export control idea

In a study of the Australian meat marketing system, the Australian Bureau of Agricultural Economics endorsed efforts to negotiate guaranteed access for Australia's major export markets and attempts to control Australian meat exports, reports CNS.

The bureau said these controls were taken because Australian cattle prices were destabilized and depressed in the 1970s by major changes in market access. This referred particularly to a temporary halt in Japanese imports in 1974 and to U.S. counter-cyclical meat import legislation and import quotas.

It said meat exporters such as Australia generally were forced to absorb the shock from market access action taken by importing countries.

To ease this shock, the bureau suggested Australia could deal directly with foreign buyers instead of single purchasing agencies, competition among Australian exporters.

However, it said that policy would probably not be applicable to the U.S. market, because in most years U.S. imports are restricted by country, and prices paid by the U.S. are

usually above average world levels.

If changes in market access continue to destabilize the Australian meat industry, the bureau suggested Australian supplies could be managed in two ways.

First, cattle slaughter could be managed so it would be counter-cyclical to the U.S. industry. Second, the size of the herd, cattle slaughter and supplies to specific markets should be controlled to maintain relatively high, stable prices. However, it said there would be problems implementing either option.

The bureau study was commissioned by the government in 1978 to analyze options available to the meat industry in the 1980s.

Currently, meat trading is one of the most private enterprise-oriented of Australian agricultural exports. Private firms handle slaughter, processing and exporting or products. The Australian meat and Livestock Corp. licenses exporters but does not trade itself.

The trouble with the average family today is that it's hard to support it and the government on one income.



ROSE OF TEXAS—Champion Polled Hereford female, the junior show at the Southwestern Stock Show and DMM Ms Rose 20, shown by Mark Bousley, Harlingen, Texas. This was one of the largest junior Polled Hereford shows of the season as 127 heifers competed. The event was held by Conrad Purdy, Covington, La., in York, La., Texas.

Southwest Hereford Symposium

"A Roadmap to the 80s" is the topic to be presented by H.H. Dickenson, Jr., executive vice president of the American Hereford Assn., at the opening of the fourth annual Southwest Hereford Symposium to be held March 27-28, at the Cooke County College, Gainsville, Texas.

Professors from animal science departments in Montana and Oklahoma, along with Texas and Mississippi ranchers and the AHA, will provide breeders with "Directions in the 80s."

The most important factor affecting calving ease is birth weights. "Making Birth Weights Work for You" will be the topic presented by Dr. Peter Burlingame, animal science department at the Montana State University.

Mr. H.H. Dickenson, Jr., will then unveil the AHA's new National Reference Sire Program. The program will further aid breeders toward sire selection based on performance of a sire's progeny.

The two-day symposium participants will also hear from George M. Harris, Circle H Ranch, Winona, Miss., on "Salesmanship—The Key to Profits in the 80s" and "Fertility—The Path to a Successful Breeding Program" by Dr. Bob Krapp, department of animal science, Oklahoma State University at Stillwater.

For more information about the Southwest Hereford Symposium "Directions in the 80s," contact T.J. Davidson, Agricultural Department, Cooke County College, P.O. Box 815, Gainsville, Texas 76240.

NILE Spring Show

The dates for Northern International Livestock Exposition's annual spring show have been released by General Manager Allen Walton. The show will be held at Billings Live Stock Commission Co. on Wednesday and Thursday, April 1 and 2.

The spring show will be topped off with the annual awards banquet and presentation of the "agri-businessman of the Year Award."

For further information, contact Manager Allen Walton at the NILE office in Billings, Mont., 406/269-5695 or Box 1981, Billings, MT 59103.

North James Valley Angus Assn.

Members of the North James Valley Angus Assn. gathered recently in Brentford, S.D., for their annual meeting and election of officers.

Charles Hart, last year's vice president from Frederick, took over president's responsibilities. Alfred Fox Jr. of Watertown was elected vice president, and Virgil Grandpre of Mallette was re-elected secretary-treasurer.

Chosen to join the board of directors were John Sonsteb, Wallace; Jerroll Erdmann, Groton; and Ed Morrison, Waubay.

Scotch Highland Breeders Assn.

The Western States Scotch Highland Breeders Assn. elected David Stroh, Walsenburg, Colo., president, during the 1981 National Western Stock Show.

Other officials elected were: Dr. C.J. Roberts, Salida, Colo., vice president; Nick McCarthy, Golden, Colo., director; and Carl Weil, Elizabeth, Colo., secretary.

Houston Livestock Show and Rodeo

Judges for the 1981 Houston Livestock Show have been announced, according to Don Jones, Jr., assistant general manager of the show.

Open show cattle judges include: Angus: Gary Dameron,

Lexington, Ill.; Brahman: Les Brindles, Alice, Texas; Brangus: Howard Hillman, Canova, S.D.; Charolais: Cliff Orley, Lebanon, Pa.; Hereford: Wallace Cox, Albert, N.M.; Limousin: J. William Jacobs, San Luis Obispo, Calif.; Maine-Anjou: Dr. Herman Purdy, Alexandria, Pa.; Polled Hereford: Jundall Grooms, Kilgore, Texas; Red Poll: John Maurer, College Station, Texas; Santa Gertrudis: Sloan Williams, Hungerford, Texas; Shorthorn: Denny Jordan, Gibson City, Ill.; Simmental: Randall Grooms, Kilgore, Texas.

Three judges are handling the chores of judging the junior breeding beef heifer show. These include Dr. John McNeill, Amarillo, Texas; Dr. Bill Turner, Baton Rouge, La.; and Randall Grooms, Kilgore, Texas.

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20 Heifer Calves
Sired by LHRL1 Domino 7646 and B&C L1 Advance Dom 403

Other Herd Sires: H&H Advance A113 LDH Yampa Lad 3 FRC King 3 B&C L1 Adv Dom 403

Delivery to Central Point

LHR L1 Domino 7646 and his dam were the top selling pair at the Lund dispersion. His present weight is 2400 lbs. and is the sire of many of the cattle in the offering.

DH 113 Advance A31 Sired the grand champion female at the 1979 South Dakota State Fair. A top set of 2-year-old bulls in the offering sired by this 2800 lb. bull.

Lunch 12 Noon • Sale 1 p.m.
Robert Schnell, Auctioneer
This Is The Best Set of Cattle We Have Ever Offered!

Thorstenson Hereford Ranch

Ralph 805/649-7236 • Bill 805/649-7940
Selby, South Dakota 57472

Auction Results

GROSHANS HEREFORDS

Holyoke, Colo., Feb. 24

36 bulls \$1,549
26 brood heifers 836

Auctioneers: Skinner Hardy
and Fred Sharlock

Bulls: GH Sup Dom Adv 153, 4/3/79 by SR L1 Domino 5304; Royce Williams and Son, Haigler, Neb., \$5000. GH Sup Dom Adv 160, 5/5/79 by SR L1 Domino 5304; Dena Piloni, Gunnison, \$4000. GH Hatchet Adv 5122, 3/9/79 by SM L1 Hatchet 426; Piloni, \$3200. GH Sup Dom Adv 155, 4/5/79 by SR L1 Dom 5304; Stanley Klingensmith, Bushnell, Neb., \$2200. GH Sup Dom Adv 133, 3/8/79 by SR L1 Dom 5304; Charles Jones, Briggsdale, \$2000. GH Hatchet Adv 5114, 3/8/79 by SM L1 Hatchet 426; Klingensmith, \$2000. L1 Dom 4036, 3/29/79 by L1 Lad 6733; Depotier Ranch, Nunn, \$2000. GH Sup Dom Adv 152, 4/3/79 by SR L1 Domino

Loan plan may aid Coloradoans

Colorado ranchers and farmers may soon be able to obtain large, low interest loans to keep them in the agriculture business. The program is now under consideration in the state legislature.

The "Aggie" loan program, as it is being called, would make loans available for expansion or the purchase of modern equipment at roughly half the prevailing interest rate. Tax exempt bonds would finance the loans, which wouldn't cost the state any money.

Dave Selzer, vice president of E.F. Hutton Co., presented the plan to legislators and described similar plans his firm has made work in other states. The Colorado Agriculture Assistance Authority would be created, making loans of \$8000-150,000 to ranchers and farmers. Interest rates would be 9-9.5%, if Hutton does the underwriting.

Colorado Agriculture Commissioner Morgan Smith favors the program, and is working to line up legislative sponsors for the Hutton bill.

Sheep numbers chart growth in Oklahoma

Sheep and lamb numbers in Oklahoma on Jan. 1, totaled 96,000 head, up two percent from the 93,000 head a year earlier. Sheep numbers have increased steadily in the state since 1977.

The inventory value of all sheep and lambs on Jan. 1, totaled 8.6 million, down four percent from a year ago.



SALES CHIEF—Roger P. Sinner has been named to the position of director of sales for animal products for Elanco Products Co. He has been serving as director for Elanco International marketing for the past 18 months.

5304; Jones, \$1900. RG Sup Adv 2129, 3/1/79 by Antonian 309H; Klingensmith, \$1800. Heifers: L1 Dom Lady 4044, 4/2/79 by L1 Lad 6733, bred to T Cross L1 Colo Dom 9011; Piloni, \$500. 248 Adv Lady 6086, 2/15/79 by HH Advance A 248, bred to T Cross L1 Colo Dom 9011; Paul Mather, Sidney, Neb., \$950. GH Hatchet Lass 5108, 2/15/79 by SM L1 Hatchet 426, bred to T Cross L1 Colo Dom 9011; Piloni, \$950. Dry and uncertain conditions undoubtedly had an effect on the outcome of this sale as about half of the bull offering was sold. Demand was good on the front end of the sale as buyers bid readily until they had filled their needs. The bulls were in good

sale condition and well presented on this spring-like day. Volume buyers included Piloni, Klingensmith, Charles Johnson, Ault, and Bill Peterson, Stoneham.

—JERRY YORK

BEITELSPACHER RANCH
Bowdle, S.D., Feb. 26

14 Angus bulls \$ 816
102-yr.-old Simmental bulls 2,020
32-yr. Simmental bulls 1,507
11 comm. yr. bulls 1,393
9 bred purebred heifers 1,344
3 bred 1/2 heifers 858
18 purebred heifer calves 799
11 1/2 heifer calves 724
120 lots 534
120 lots 1,174

Auctioneers: Jim Baldridge
Safe Manager; Cattle Brokers, Inc.

Bulls: Beitelspacher Cesar 017, 4/15/80 by Cesar; Holt

Ranch, Orient, \$3000. Beitelspacher Herit 9008, 4/2/79 by Bulls Eye Heritage; Jerry Starke, Roslyn, \$2500. Beitelspacher 8023, 4/23/79 by 7/8 Simmental; Helman Opp, Eureka, \$2550. Beitelspacher Bar 03, 4/1/80 by Bar 5 Constructor; Doug Testerman, Miller, \$2200. Beitelspacher Herit 9026, 4/20/79 by Bulls Eye Heritage, \$2150. Females: Beitelspacher Herit 927, 4/24/79 by ERBR Hercules 630; Billadeau Bros., Parahall, N.D., \$1675. Beitelspacher Jaki 26, 4/30/80 by ERBR Jaki 770; Dean Jacobs, North Platte, Neb., \$1500. Beitelspacher Herit 917, 5/14/79 by ERBR Hercules 630; Beitelspacher Jaki 945, 5/15/79 by ERBR Jaki 770; Dale Folsom, Springfield, Neb., \$1400. Wow, what a sale! A large crowd and quality cattle made for one of the best sales of the year so far this year. Demand for this

offering held strong from start to finish, with an exceptional demand for the black and black white-faced bulls and heifers.

EL PASO LIVESTOCK AUCTION RANGE BULLS
El Paso, Texas, April 27

172 bulls \$ 932
66 Brangus 1,158
16 Angus 770
7 Limousin \$1,346
3 Brahman 915
4 Longhorn 705
273 bulls 970

Auctioneers: Lloyd and Larry Otton

Heifers: 5 head, Wayne Hillings, Jefferson, Kan., to Volunquada Ranch, Chihuahua, Mex., \$1,250 each. Brangus: 1 head, Diamond C Cattle Co., Roswell, N.M., to Big Tank Cattle Co., Sierra Blanca, \$1700 each.

Angus: 9 head, Sam O'plne, to West Coast Cattle Co., Casa Grande, Ariz., \$950 each. Limousin: 2 head, Art O'Deming, N.M., to Larry O'Alamagordo, N.M., \$900 each. This was a real range-type sale. The bulls and cattlemen, representing a good deal of market 427 bulls were altogether including a large group of uniform bulls sold into Arizona, California, Mexico, Texas and west south of the border. Volume buyers were E.C. of the West Coast Cattle Co., Casa Grande, Ariz., purchased 105 bulls; G. G. of the West Coast Cattle Co., Casa Grande, Ariz., purchased 105 bulls; G. G. of the West Coast Cattle Co., Casa Grande, Ariz., purchased 105 bulls; G. G. of the West Coast Cattle Co., Casa Grande, Ariz., purchased 105 bulls.

Forage study:

Fertilizing grass pastures cuts feed, boosts capacity to cover every cost

Fertilizing grass pastures for beef cow herds can cut feed costs and boost carrying capacity enough to more than pay for the fertilizer, labor and associated costs. Dr. R.W. Van Keuren, an agronomist at the Ohio Agricultural Research and Development Center, Wooster, Ohio, reported the beef forage system analysis during the annual meeting of the American Society of Agronomy.

Van Keuren said three year-around programs of providing forage for beef cow herds were compared over a three-year period. Low, medium, and high soil fertility program were initiated for forage production on hill-land pastures for spring-calving herds of Charolais beef cows.

Van Keuren said one herd was summer grazed on a low fertility pasture of mixed grass with no fertilizer or lime applied. The herd was wintered on large round bales fed three times a week in racks in another field.

A second herd was rotationally grazed on pastures of medium soil fertility. The pastures were predominantly orchard-grass fertilized with 50 lbs. of nitrogen fertilizer annual-

ly in early spring. The herd was fed square bales daily during the winter on one of the summer pasture fields. The third herd was rotationally grazed on orchardgrass during summer. The pasture was fertilized with 200 lbs. of nitrogen annually in three applications. This is higher than recommended rates. The herd was wintered on similarly fertilized tall fescue. Two hay crops were baled in large round bales and field-stored for winter feeding along with the fall-saved regrowth. The hay was fed three times a week in racks to reduce feeding loss.

The herd on the low fertility pasture required 3.27 acres per cow and calf for summer grazing. Carrying capacity of the medium fertility pasture was 1.74 acres per cow and calf, while only .96 acres of high fertility pasture was required for each cow and her calf. Cows on the low and medium fertility pasture averaged three tons of hay per cow offered for a 183-day wintering period from late October through late April. But it took only 1.9 tons of hay per cow plus the fall regrowth for the herd on the high fertility pastures.

EEC holds talks on price inclines

The 14 European Economic Community commissioners held their first formal discussions on 1981-82 agricultural prices and were leaning toward an average increase of 7.5%, a senior EEC official said.

Increases under discussion included a 6.5% rise for sugar, an average seven to eight percent for cereals, six percent for milk, but only a four percent for bread-making wheat.

Linked to the price package is a number of money-saving measures including a co-responsibility levy for cereals. This would put one percent tax on cereal producers for every percentage point increase in production over an agreed limit, up to a five percent maximum, the official said.

Some commissioners expressed concern that the proposed increases are too high. The package would cost the EEC budget about \$1.27 billion and there is a feeling that the budget, nearing exhaustion this year, would be unable to stand the extra strain.



HERDSMAN OF THE YEAR—J.C. Andras, herdsman for TL Custom Filling, Osgo City, Kan., was named 1980 Polled Hereford Herdsman of the Year. The award was made by a vote of herdsman at the 58th National Polled Hereford Show, held at the National Western Stock Show Jan. 14-17 in Denver, Colo. J.C. has 20 years of grooming and showing experience and has fitted and shown more than 100 head of cattle in his three years at TL.

The Clarence VAN DYKE Family Performance Sires Sale Tuesday, March 17 Bozeman, Montana



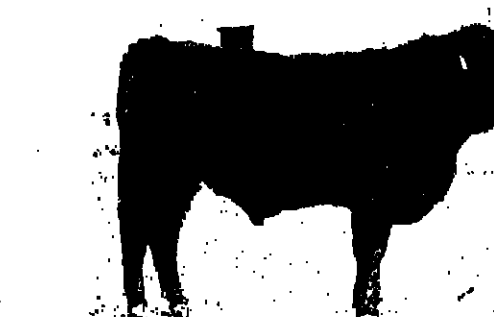
12 Noon
Bozeman Livestock Auction



January 22, 1980 • Sire: "Rito 36"
Yearling wt. 1057 lbs. ADG 2.90.



January 18, 1980 • Sire: "Schwabrook Shoshone"
Yearling wt. 987 lbs. ADG 2.70.



February 19, 1980 • Sire: "Band 105"
Yearling wt. 1028 lbs. ADG 2.82.



January 12, 1980 • Sire: "Band 105"
Yearling wt. 1099 lbs. ADG 3.01

70 Yearling Bulls • 30 Yearling Heifers

Auctioneer, Pat Goggins • Complimentary Lunch Sale Day

For 17 years we have been using only progeny proven sires resulting in:
1) Heavier Weaning Weights
2) Heavier Yearling Weights
3) Rapid Growth
4) Desirable Type
5) Inheritable Maternal Traits.

All these traits result in more profit for the progressive cattleman using a Van Dyke Angus Ranch bull. Most bulls will be weighing from 1000 to 1200 pounds by sale time. Stop by anytime for a cup of coffee and to check out the bulls and heifers. Complete performance data will be available on all sale animals.

VAN DYKE ANGUS RANCH

Sale Managed by: RLS
Rishel Livestock Services
P.O. Box 1611
North Platte, Nebraska 69101
308/634-8306

The Clarence Van Dyke Family
Route 1, Box 79
Manhattan, Montana 59741
Clarence 408/282-7579
John 408/282-7510.



IN APPRECIATION—Mr. and Mrs. Vern Domeier (right) of Verola Farms, Sutton, Neb., were honored recently at the 30th Annual Nebraska Angus Futurity in Grand Island. They received an engraved plaque from the Nebraska Angus Assn. in appreciation of their outstanding support of the state futurity during the past years. The Domeiers have consigned cattle to the event for 28 consecutive years. Presenting the plaque is Ron Sabata of Bellwood, immediate past president and director of the state Angus group.

Sandhill-Bulls, Home Grown from the hills
Nutter-Bergen
Joint
Limousin Bull Sale
Thursday, March 19
Theftord, Nebraska
1 p.m. CST • Theftord Livestock

Selling
85
Limousin Bulls
65 Two-year-olds from
Hilltop Ranch
20 Yearling Bulls from
the Russ Nutter herd

Sale Manager:
Cattle Brokers, Inc. • 308/634-9810

Russ Nutter
Theftord, Nebraska
308/645-2555

Hilltop Ranch
Harley & Tim Bergen
Henderson, Nebraska
402/723-4417 or 402/737-3320

ANNOUNCING SPUR RANCH'S BEST OF BOTH SALE

It is the Best of Both Sale because Spur Ranch and C.H. Young Cattle Company have combined in this sale to offer you the best of their herds. Both of these great herds feature the superior performance of Emulous Angus.

Spur Ranch is offering 50 outstanding bred heifers. Half of this group will calve in the Spring of '81 and the other half is due in the fall of '81. These heifers are bred to the best performance bulls in Spur Ranch's battery and as an added feature some of the heifers are bred to the great sire 'Patriot'. These heifers are all foundation females which will provide a solid base for any herd.

C.H. Young Cattle Company is offering the complete dispersion of its fall calving cows; 30 foundation cows 3 to 10 years old, all with an '80 calve at side. All of these foundation cows will be bred back for a 3 in 1 combination to such superior sires as Spur Emulous Master 1809 and Patriot. Also selling from the C. H. Young herd are 15 outstanding heifers 16 months old sired by Spur Emulous Master 1809. These heifers will sell open with breeding privileges to Spur Ranch sires.

Plan to be at Spur Ranch March 30th for the best offering of performance females from both of these great herds.

MONDAY, MARCH 30th

SPUR RANCH

Box 557, Vinita, Oklahoma 74301 (918) 256-7801

For Information & Catalog Contact:

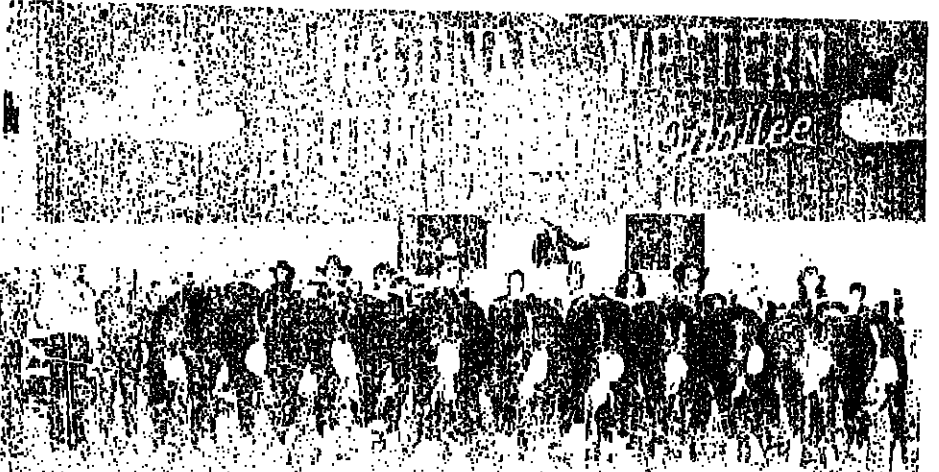
12:00 NOON
At the Ranch, 14 mi. WEST of VINITA, THEN 3 mi. NORTH & 1 mi. WEST

Clay Hartley, Partner (918) 256-7200
Robert Hartley, Partner (918) 256-2113

Joe Hartley, Partner (918) 256-6243



SHORTHORN LASSIES—Lassie Queens from 15 states gathered at the National Western Livestock Show in competition for the national crown. Pictured are Tami Fenley (back row, left), Indiana; Kimberly Maddox, Oklahoma; Debra Waloch, North Dakota; Jamie McAnear, Texas; Cindy Buscher, California; Pam Gady, Illinois; Becky Fitzwater, Ohio; and Jan Nuss, Kansas; Kandy Thomson (front row, left), Iowa; Pam Bryan, Minnesota; Sherry Coats, Missouri, national queen alternate; Jill Rush, Louisiana, national Lassie Queen; Lora Hale, Michigan; Shane Staggs, Alabama; and Jean Russel, Nebraska.



BEST BY STATE—In the special class for the 100th anniversary of the American Hereford Assn. and the 75th National Western Stock Show in Denver, the AHA sponsored a best 10-head of Herefords from a state class during the Hereford show at the National Western. Texas was first with these herds represented: B&C Cattle Co., Miami; V Bar Ranch, Stanton; Lone Star Hereford Ranch, Henrietta; Barber Ranch, Channing; and Little F Ranch, Sterling City. States placing second through fifth, respectively, were Washington, Montana, Indiana and Idaho.

Dauber Herefords 15th Annual Production Sale Wednesday, March 18

at the ranch • Bunker Hill, Kansas
(5 miles north on Blacktop Road)

Sale 12:30 Lunch **Served 11:30**

Selling:

- 60** Two-year-old, rugged Line One Bulls
 - 20** Bred Line One Heifers, bred to DH L1 Domino 735 867 and DH L1 Domino 835
 - 20** Commercial Heifer Calves
- George Morris, Auctioneer

DH L1 Domino 735 867

L1 Domino 735
NR 112, GR 104, YR 108
L1 Domino 573
1938025
L1 Domino 715
11992071
L1 Domino 334
19320473
L1 Domino 447
16637702
L1 Domino 433
L1 Domino 289
L1 Domino 285
L1 Domino 325
L1 CL3 Domino 57164
L1R Heifer Adv 733
L1R L1 Domino 164
L1R L1 Domino 163



Sires of Bulls Selling:

L1 Domino 735
CJ L1 Domino 119
L1 Domino 81J
L1 Domino 68398
WCF L1 Domino 2138
PW L1 Domino A6318 (a son of 7269)

DAUBER HEREFORDS

BUNKER HILL, KANSAS 67828

Joseph T. Dauber & Son Joe, Jr. 913/483-5148

Warning: Plan for weed explosion

Some ranges are already sporting a lot of weeds, and a little rain in dry areas could bring a weed explosion.

So ranchers need to consider herbicides in their arsenal of weapons to fight pesky weeds which render rangeland unproductive.

"Most annual weeds can be controlled with the herbicide 2,4-D if it's applied when weeds are small and growing rapidly," points out Dr. Tommy Welch with the Texas Agricultural Extension Service, Texas A&M University System.

Common broomweed is one of the most notorious annual weeds that periodically infests rangeland. In areas that receive good fall moisture, common broomweed seedlings may be present. A heavy infestation of this weed will reduce grass production significantly and will reduce forage consumption by cattle in late summer and fall when the weed matures and forms the familiar "broom."

"Common broomweed can be controlled with 2,4-D when seedlings are four to eight inches tall and growing rapidly," says Welch, a range brush and weed control specialist. "When plants begin to mature and develop a broom-shaped top in late spring, control is difficult. Thus positive identification of common broomweed early in the season and a timely herbicide application are keys to successful control."

2,4-D amine can be used effectively in areas that receive more than 25 inches of annual rainfall while

2,4-D low-volatile ester should be used in areas of less rainfall. A 2,4-D-dicamba mixture is a good choice for herder-to-kill weeds, when growth conditions are not ideal, or when annual weeds have begun to mature but have not flowered, notes Welch. Dicamba and 2,4-D can be tank mixed, or a 2,4-D-dicamba mixture (three to one ratio) is commercially available under the trade name Weedmaster.

"In addition to annual weeds, ranchers must also battle perennial weeds that infest some rangeland. Among these are western ragweed and yankeeweed," says Welch.

2,4-D is a good herbicide for easy-to-kill ragweed while 2,4-D-dicamba is needed for yankeeweed. Good growth conditions are necessary to obtain control of perennial weeds with herbicides, adds the specialist.

If plans have been made to apply a herbicide for mesquite control and weeds are present, a 2,4,5-T-picloram mixture (Tordon 225E) or 2,4,5-T-dicamba will take care of both problems. Since 2,4,5-T-dicamba is no longer available as a commercial formulation, the mixture must be tank mixed.

Welch notes that ranchers sometimes do not get good weed control due to improper calibration of spray equipment or improper mixing of herbicide. So those applying their own herbicide should calibrate their spray equipment and read the label for proper

mixing instructions.

"To obtain maximum benefits from controlling range weeds with herbicides, ranchers must also practice good grazing management," emphasizes Welch. "If overgrazing is a prime cause for weed infestation, applying a herbicide may provide only short-term weed control. With proper grazing management, a good cover of grass can be maintained and weeds can be reduced."



RED ANGUS LEADERS—New officers were elected for the Colorado Red Angus Assn. during a meeting held by the group during the National Western Stock Show, Denver, Colo. The new officers include Jack Heidenreich (left), Gill, director; Ray Beebe, Marshall, Okla., president of the American Red Angus Assn.; Chip Newton, Franktown, president; Don Wagner, Wellington, vice president; and Geoff Blakeslee, Clark, director. (Staff photo by Jerry York)

Simmental Bulls

Arnold Brothers Arrow 5 Ranch 11th Annual Simmental Bull Sale Saturday, March 21

1 p.m., CST Mobridge Livestock Auction

Mobridge, South Dakota

Selling 160 Yearling and 2-year-old Bulls

30 Purebreds (some polled)
70 7/8's (some polled)
60 3/4's (some polled)

Auctioneer: Curt Rodgers

Reference Sires:

Sir Arnold G809
Siegfried
Sir Arnold G807
Polled Uprising
Umhau
Zazou
The Red Ball Express

Red Eye
Horn
Colac
Deuce
Expert
Milord

Arnold Brothers Arrow 5 Ranch

Harold Arnold • 605/273-4384
Wesley Arnold • 605/273-4425
McIntosh, South Dakota 57641

Don't Miss The

MIDWESTERN QUARTER HORSE SALE

**Selling Approximately 135 Head
Saturday, March 21, 1981
Wichita, Kansas**

Kansas Coliseum
Livestock Pavilion

Held in conjunction
with the
Midwestern
Quarter Horse
Circuit

4 AQHA SHOWS
(All "A" Last Year)

Thursday, March 19

Judge, Joe Taylor, Utah

Friday, March 20

Judge, Bob Milkie, Wisconsin

Sunday, March 22

Judge, Jim Nance, Oklahoma

Monday, March 23

Judge, John Lawrence, Minnesota

Show Manager: Dean Ewing,
Rt. 3, Augusta, Kansas 67010

Fully Sponsored
By SHEPLERS

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World's Largest Western Stores



for catalogs and information contact:

C. A. Cofer

Auctioneer-Sales Management Co.
7400 N. Broadway
Wichita, Kansas 67219
(316) 755-0733

APEX—WESTWIND SALE

1:00 p.m.

Thursday, March 19

at the Westwind Ranch, 8 miles west of

Valier, Montana



Lot #8062—He Sella



Lot #89M—He Sella

APEX ANGUS
Daryl Swanson Family
Valier, Montana 59488
406/279-3548

**Selling: 30 ANGUS BULLS
40 POLLED HEREFORD BULLS**

7 REASONS FOR BUYING ONE OF OUR BULLS

- Performance Records:** We provide as much or more practical data on our cattle as any set of records that we know about.
- Natural Growth on Natural Feeds:** Our cattle have to perform on grass, grain and natural protein feeds or else.
- Sound, Active, Fertile Bulls:** We're not out to set gain records in the feedlot. Every bull is examined by our veterinarian for reproductive soundness.
- Profitability:** Our customers report more pounds when they sell the calves from our bulls.
- Practical Considerations:** We select for calving ease, mothering ability, udder and eye pigmentation, teat and udder size.
- Unique Bloodlines:** Our breeding program is our own. It's not based on some other breeder's great old bull. Our herd was founded on solid, dependable, old line cattle.
- Buyer Convenience:** Bulls can be left at the ranch at our risk, free of charge, until June 1st. Free delivery on purchases of 5 bulls or more.

Free delivery
on purchases of 5 bulls
or more up to 600 miles.

WESTWIND RANCH
John Holden Family
Valier, Montana 59488
406/279-3328

Cudahy Foods Co., a subsidiary of General Host Corp., plans to close its Phoenix and Atlanta, Ga., meat processing plants in six months and dismiss all union employees, a spokesman said today.

Adam Friedman, Stamford, Conn., Director of Corporate Relations for General Host, said the company no longer considered the fresh and processed meat business to be profitable because of high labor costs.

Friedman told UPI by telephone that a master contract between Cudahy, Swift, Wilson and Armour meat companies and the United Food and Commercial Workers International, AFL-CIO, was in its final year and Cudahy had no intention of renegotiating it.

He confirmed reports Cudahy President Timothy Day and some key members of Cudahy management were trying to buy the fresh and processed meat operations from General Host.

"We are in negotiations but they are not completed," he said, adding that "it's impossible to say" whether that portion of the business will be sold to Day and his associates.

"Regardless of what happens, the two plants will be closed," Friedman said.

Cudahy employs about 370 persons at its Phoenix plant and about 150 at Atlanta. About 290 in Phoenix and 78 at Atlanta are union employees. Friedman said all the union employees will be laid off.

Hunt family stalks geothermal resources

The Hunt Family of Texas, accused in the past of trying to corner the soybean and silver markets, is staking a claim to the biggest share of U.S. geothermal resources.

The Washington Post said in its Sunday edition that Hunt family members, Hunt trusts and Hunt corporations control roughly one-sixth of all federal land leased for geothermal power exploration.

Quoting Interior Department records, the Post said the Hunts hold 262 of the 1600 geothermal leases issued by the Bureau of Land Management.

The leases give the Hunts control over about 480,000 of the 2.9 million acres of federally leased geothermal land, it said.

Geothermal energy is the power of the hot water, steam and molten rock trapped beneath the earth's surface. The energy department estimates it eventually can supply 10% of U.S. energy needs.

The Post revealed a number of major oil companies are getting into geothermal energy, but the Hunts' holdings already are three times as big as any of their nearest rivals.

"The Hunts have avoided federal limits of 20,480 acres per individual on geothermal land leases by obtaining them in 20 different names, including individuals, trusts and corporations."

Most of the Hunt investments have been made in non-competitive leases in Nevada, New Mexico, Oregon, Idaho and Utah, the Post said. The Hunts also have filed for non-competitive geothermal leases in Arizona and California.



DIRECTOR — Ball Agricultural Systems has named Orville E. Bert, former president of Bert-Hawkins and Associates of Fresno, Calif., as its director of livestock to oversee livestock operations in all Ball projects.

Storm hits Denver; halts news reports

Wednesday, March 4, a heavy, wet snow fell on Denver stranding traffic and closing down most schools and many businesses. Only a small percentage of WJ's staff were able to make it to the office and as a result, some of the sale reports scheduled for this issue will have to appear next week. No matter, the moisture is good news for the cattle business everywhere.

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Results in experiment show spaying heifers reaps profits

Spayed heifers gained more weight and brought more money than non-spayed heifers in an experiment conducted in White Pine County, Nevada.

A.Z. Joy, White Pine

County cooperative extension agent in charge, coordinated the research activity in an experiment, which began recently.

Joy reported that 29 heifers were involved in the

experiment. Thirteen of these were used as controls while the remaining 16 were spayed. The spayed heifers over an 87-day period gained a total of 130 lbs. for an average daily gain of 1.49

lbs. per head per day. The controls gained 1.22 lbs. per head for an average daily gain of .72 lbs. per head per day.

Western Montana Angus Assn.

33rd Annual GRADED SALE Monday, March 16

Sale, 1 p.m., Missoula Livestock Auction
Missoula, Montana

68 BULLS

27 Coming Two's
41 Yearlings

12 HEIFERS

Pre-Sale Dinner Sunday Evening—"Club Chateau" East Missoula

For information, catalogs and dinner reservations, contact: Mrs. Phyllis Ohmann • 408/288-3319
Drummond, Montana 59832



Graded by John Harris, Billings; Joe Lee, Billings; Clyde New, Salmon; Bill Pfeiffer, Auctioneer

Consignors:

Auch Angus Ranch, Corvallis
Dave Bertelsen, Ovando
Jim Cook, Lonepine
Corlett Ranch, Drummond
Frosty Creek Angus, Corvallis
Glory B Angus, St. Ignace
Henderson & Sons, Hall
John Miller, Stevensville
Mountain View Angus, Columbia Falls

Alan Muir, Corvallis
George & Mary Munis, Philipsburg
P.P. Angus ranch, Lonepine

Edward Pletan, Columbia Falls
Walt Peery, Missoula
Dan Jackson, Hot Springs
Kadence Ranch, St. Ignace
Fred Krein, St. Ignace
Paul Metzger, Ronan
Norman Reum, St. Ignace
Minne Roosma, Hot Springs
Schearbrook Angus, Stevensville
Roy Tully, Dixon

Guest Consignors:
Jim & Mike Elmore, Three Falls
Powerline Farms, Ellensburg, W.

Hog packing innovation of 1980s: vacuum-packed pork for retailer

Vacuum-packed fresh pork will be the major innovation in the hog packing business during the 1980s, three hog packing company representatives said, according to CNS.

Vacuum-packed pork is a better value for the retailer, say representatives from Farmland Foods, Inc., Wilson Foods, Inc., and George A. Hormel and Co., who were speaking at the Iowa Pork Congress.

Both Farmland and Wilson are already marketing vacuum-packed pork.

Cheaper labor costs are a major factor, said Richard Beatty, vice president of Farmland Foods, Inc. pork operations. Packing companies can break hog carcasses into retail cuts

cheaper than retail store meat cutters, he said.

The beef industry had done a better job in the past of converting beef carcasses to a wider variety of cuts, Beatty said. In the future, he said, most pork will be handled in the same manner beef is now. Escalating transportation and labor costs will be largely responsible for this change, he said.

Not only will the majority of pork cuts in the future be vacuum-packed, Beatty said, but they will also be boneless. Both the retailer and the consumer prefer boneless cuts that are either meal-ready for the consumer or knife-ready for the retailer, he said.

Vacuum-packed pork ap-

peals strongly to the retailer because it reduces spoilage, increases shelf life and allows the retailer to order by cut rather than by carcass as at present, said Webb Elkins, group director of marketing for Wilson Foods Inc. Therefore, he said, a retailer can spend more time merchandising and servicing the meat counter rather than cutting and trimming meat.

However, the optimum type of hog needed for the vacuum-packaging process is a larger, heavier, leaner, higher-yielding hog than is being produced today, Beatty said. The larger hog is needed to produce attractive boneless cuts, he said.

Beatty expects ground

pork will become more popular in the next few years, when a consistent lean to fat ratio is developed, he said.

John Phillips, manager of livestock extension for George A. Hormel and Co., agreed that market hog producers need to place more emphasis on producing high-yielding hogs.

A U.S. number one grade hog carcass with one inch of backfat results in 91 lbs. of excess fat when trimmed, he said. A U.S. number three grade hog when trimmed will result in 15 lbs. of excess fat, which is a loss to the packer, he said.

Although a heavier hog may yield higher, Phillips said, the discount awarded to the producer because of

the excess fat will absorb any additional profit the producer would have received the extra weight.

Beatty expects discounts for over-fat hogs to increase in the next few years.

Hog producers also need to be greatly concerned with producing sound, unblemished hogs, Phillips said. During one year's time, bruised pork cost Hormel \$1.43 million and death and condemned carcasses due to disease cost another \$700,000, he said. These losses result in lower cash hog prices, he said.

The ideal market hog, Phillips said, has no more than one inch backfat and a loin eye area average of five square inches.

One area of increasing

importance, Beatty said, is that of pigskin. Whole skinning of the hog is increasing at packing plants, he said, and the market for pigskins will be increasing in the next few years.

This is an additional reason producers not only need to increase the size of the market hog, but also handle them more carefully so as not to damage the hide. One Farmland plant presently processes 10,000 hides per day, he said.

The average hog farm in the 1980s will farrow 200 sows, will increase finishing capacity and will increase the average litter size to 8.6 to 9.0 pigs, compared with the present national average of 7.13 pigs per litter.



NORTH DAKOTA'S MAN—George Becker of Enderlin, N.D., was honored as Man of the Year by the North Dakota Angus Assn. at their recent annual meeting and banquet in Minot. Becker is owner of Blue Top Angus Farm, and has been active in the Angus business since 1946.

Nebraska Charolais Assn.

18th Annual SHOW & SALE Tuesday, March 17

Custer County Fairgrounds • Broken Bow, Neb.
Show 9:00 a.m. • Sale 1:00 p.m. CST

45 bulls • 15 females

Auctioneer: Ronald Woodward

Consignors:
Dutch Rikil, Murdock
Charles Jetton, Roca
Alvin McGuire, Blair
Ottilin Hass, Wisner
Leo Meyers, Hay Springs
Richard Andersen, Omaha
Ray Winz & Sons, Holdrege
Fred Schmidt, Gordon
Erwin Benes & Sons, Valparaiso
Tom Sonderup, Fullerton
Glen Fred, Sargent
Harlan King, Meadow Grove
Jerry Arnold, Litichfield
Roger French, Mullen
Richard Endacott, Pleasant Dale
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Duane Eggers, Tilden

Sale Manager:
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Box 60A, Trumbull, Neb. 68860

GARWOOD RANCHES

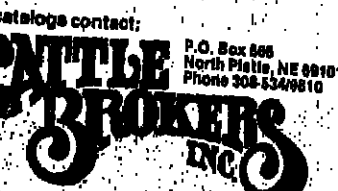
ALL BREEDS PRODUCTION SALE Mon., March 16 • Kearney, Nebraska

1 p.m. CST • Kearney Livestock Commission Co. • 308/237-3121

SIMMENTAL CHIANINA LIMOUSIN MAINE-ANJOU

All produced from an extensive AI program

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Auctioneer: Tracy Harl



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107 LOTS SELL

28 yearling bulls

22 are Simmental bulls of which 11 are sons of the legendary SIGNAL 5 are Limousin bulls and 1 3/4 Chianina.

36 bred Simmental cows

Many are daughters of Signal, Renz and Ueli. Bred to such AI sires as Special Edition, Acajou, Acalade and Signal.

8 yearling Simmental heifers

2 are Signal daughters.

5 bred Chianina cows

2 are bred to Ace of Spades.

20 bred Limousin cows

Many are black bred to Gendarme, Espoir and Dandy.

5 yearling Limousin heifers

4 are 3/4 and 1 is 7/8.

5 bred Maine-Anjou cows

All are Buret daughters. 2 are black; 3 are red, Aled to Ace of Spades 3/4 black Chianina bull.

This sale offers a wide selection of top quality bred cows plus an impressive set of yearling Simmental and Limousin bulls. Most of these cows will tip the scale at 1300 pounds plus, and all are heavy with calf ready to put a coupon on the ground. These cows are bred to popular AI sires and have the potential to produce many great bulls or club calves. There are cows in this offering for everyone's program.

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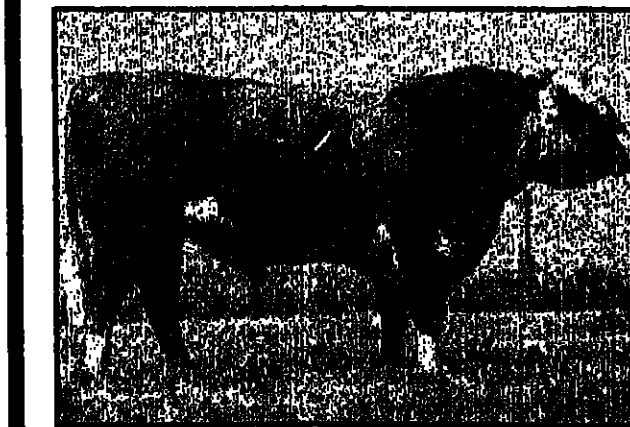
Annual Production Sale Thursday, March 19

1 p.m. Belle Fourche Livestock Exchange

Belle Fourche, South Dakota

70 Hereford Breeding Bulls Sell 48 Big, two-year-olds • 22 Big, top yearlings

At Courtney Herefords, we keep in touch. Our effort goes in the direction of continued improvement. Selecting, mating, developing... the best of the big Ardmore and Britisher lines. We will show you Hereford Breeding Bulls with muscle, scale, eye appeal; "cattle that the beef industry can really use."

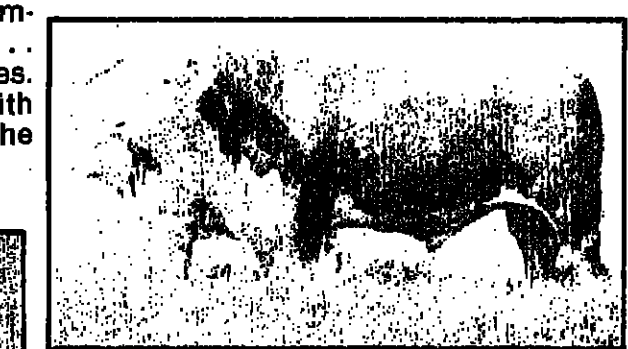


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Financial picture still in flux; ranchers face high loan rates

Interest rates should moderate during 1981, but much of the unprecedented volatility in rates experienced in 1980 will continue in the coming years, according to Herbert Evers, president of ContiCommodity Services Inc.

Evers, addressing the Committee's Breakfast of the National Cattleman's Assn. annual meeting, said that, "The prime interest rate could fall from the present 18.5% to 15% by the third quarter of 1981, but rate fluctuations will still be pronounced because of changes in U.S. government policy."

The outlook for financial markets has been fundamentally changed by the Federal Reserve Bank's decision in October, 1979, to make money supply management, not interest rates, its first priority, Evers believes.

"The trend toward greater interest rate volatility was only reinforced by the passage of the Depository Institutions Deregulation and Monetary Control Act in 1980," Conti's president said. The legislation provides for NOW accounts and a phase-out of Regulation Q which has placed a ceiling on the amount banks could pay for deposits. "Without these traditional low cost sources of funds, financial institutions will have to buy

money on the open market," Evers said.

Evers, formerly an executive vice president at Marine Midland Bank in New York, said that the higher rates had been particularly troublesome for the cattleman in the past year.

"The interest expense portion of a cow calf operator's cost per unit rose 107% in the past two years, while feedlot operator's interest expense jumped by 128%."

Interest rates should slide in 1981 as weakness in demand and production slows money supply growth and lessens the inflation premium built into rates. There will be a higher floor under rates during this interest rate cycle, however, as the Fed continues to lower its money supply targets," Conti's president noted.

The Fed will also seek to smooth the movement of rates during 1981, Evers said. "We will still experience more than usual volatility in rates, but the Fed now recognizes that pursuit of a pure monetarist policy can lead to structural damage in the economy."

Cattleman will face other important changes in the financial picture, Evers believes. "Now that banks have to pay for funds in a free market, they will have to charge customers on that

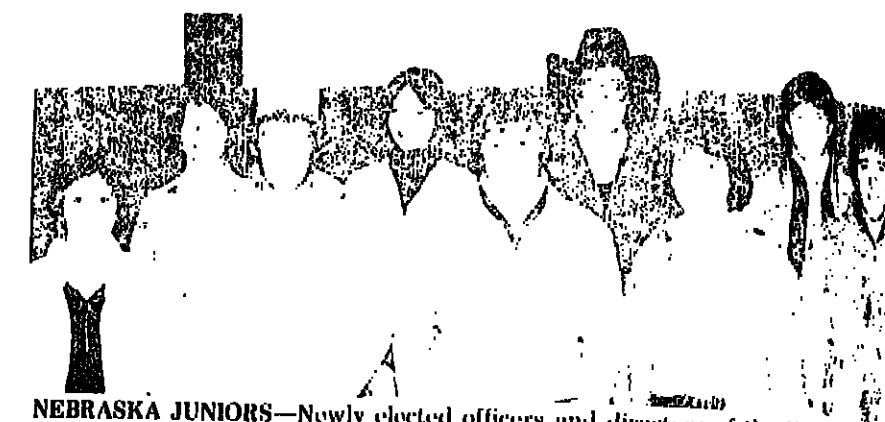
basis. I expect that loans will be for shorter maturities and will bear a higher spread above prime," Evers noted.

"The battle for deposits could also bring a series of mergers among the nation's 14,500 banks as they seek economies of scale," he added. The shift to bigger, more national banks will likely mean a required hedging of inventories and credit decisions made on a more numerical basis.

"One offsetting advantage for cattleman in this merger trend will be a more plentiful and steady availability of credit because of the big banks' national network of money collection," Evers added.

Evers suggested that cattleman consider using financial futures to hedge their exposure to interest rate fluctuations. "You have to be prepared to operate in a variable interest rate environment in a business with ten-to-eleven-year production cycles," he told the audience. "It is difficult to pass on added costs in the cattle you are selling, therefore, you should eliminate as much variability as possible."

You can always tell a long distance obscene phone caller. They not only breathe heavily, but fast.



NEBRASKA JUNIORS—Newly elected officers and directors of the Nebraska Angus Assn. are: President Sue Grabowski (front row, left), Reatrice; Vice President Huckfeldt, Gering; Second Vice President Kirk Olson, Hershey; Secretary-Treasurer Glubius, Beemer; Reporter Jud Baldridge, North Platte; directors Jennifer Ungler, row, left) Henningford; Roberta Barr, Liberty; Mark Slagle, Sargent; and Fitzgerald, Harrison. The leaders were elected at the group's annual meeting, held at Nebraska Angus Futurity in Grand Island.

The Wyoming Simmental Association

Annual Spring Sale

Tuesday, March 31

1 p.m., at the Stockman's Livestock Auction

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SATURDAY, MARCH 21

100 ANGUS BULLS

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Ash Branning, Belgrade
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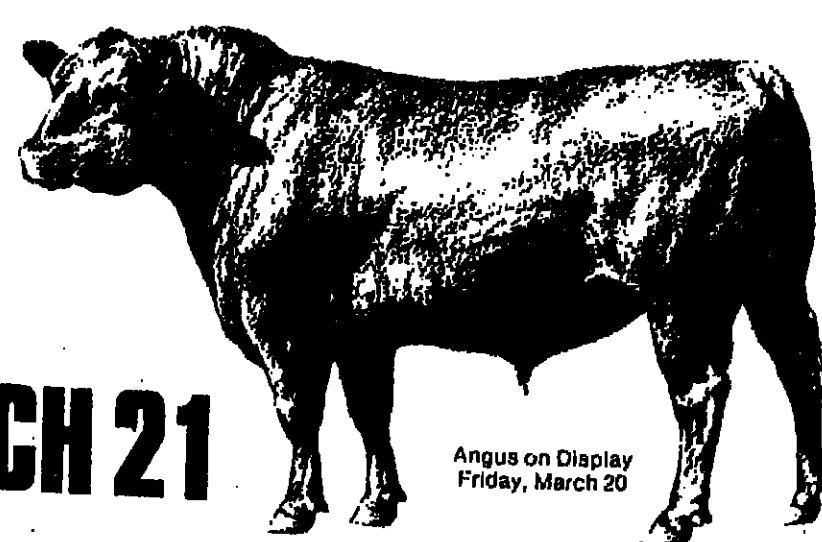
Hinman Angus, Willow Creek
MacKenzie Angus, Sheridan
McNabb Angus, Bozeman
A.C. Moe, Two Dot
Richard Moe, Two Dot
Morris Angus Ranch, Melrose
Munis Angus Ranch, Philipsburg

Poser Angus, Belgrade
Dave Schulz, Sheridan
Russell Schulz, Sheridan
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Steve Slender, Sheridan
Younkin Angus, Manhattan

Auctioneer:
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No Host Banquet
Friday, March 20
Social Hour 6:30 p.m.
Dinner 7:30 p.m.
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For Catalog, Information and Dinner Reservations, Contact:
South Montana Angus Association
Wilma Younkin, Sec., 408/284-3776 • Rt. 1, Box 6 • Manhattan, Montana 58741



Angus on Display
Friday, March 20

Observation is key to problems in calving

"Careful observation of all cows and heifers approaching calving is absolutely necessary if one is to prevent difficult calving," says Brinton Swift, University of Wyoming professor of veterinary medicine and acting Director of Wyoming State Veterinary Laboratory (WSVL).

Swift says the highest incidence of calving difficulty occurs in first-calf heifers, and owners or herdsman must pay close attention to these heifers. He says they might encounter birthing problems. They must be able to determine when the heifer is in trouble, and be prepared to contact a veterinarian immediately.

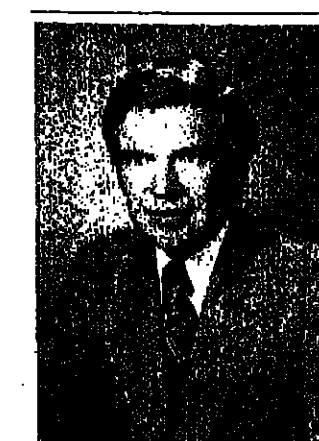
"One common problem is that the pelvis is too small to admit a large fetus, and if this opening is too small, the person attempting to deliver the calf should not spend more than 15 minutes trying to deliver the animal," Swift says. "If it takes longer than that, a veterinarian should be contacted to take proper measures to insure safe delivery which may include surgery and in many cases caesarean operations."

Swift says one reason so many first-calf heifers encounter difficulty in calving is because they have been bred before they are mature enough to sustain pregnancy. He says they should weigh somewhere in the range of 650 lbs. before breeding, although most first-calf heifers are bred when they are smaller than that.

"With regard to breeding, these animals should be fed better during the first winter following weaning, and the selection of bulls is also a factor determining the proper size of the fetus at the time of birth," he said.

Swift says it is very important not to attempt to starve a cow prior to birth in an effort to reduce calving difficulty. The fetus may be smaller, but the calving difficulty may still occur, and the calf is likely to be more susceptible to diseases.

"One situation we often see at the WSVL is calves brought to us with empty uteri," he said. "These animals have never nursed properly, and literally starve to death."



MANAGER—Stephen B. Thompson has been named to the position of manager of market planning for swine products for Elanco Products Co., the agricultural marketing division of Eli Lilly and Co. He has been serving as manager of market planning for packaged products in animal products for the past ten months.

USDA program slow to catch

USDA's voluntary quality control program has been "slow getting off the ground," according to L.L. Gast, deputy administrator of the USDA's Food Safety and Quality Service compliance program.

Gast said, while speaking at the National Food Processors' Assn. annual convention, that four packing plants are presently controlled in the program which went into effect August 1980.

In addition, he said 10 proposals have been presented by packing plants and are being reviewed while another 32 packing plants have shown an interest in the program. Originally, the USDA had projected the program would include 50 packing plants by this time, he said.

The voluntary program has provided as much consumer protection as have traditional meat inspectors, Gast said. There are no plans for a mandatory quality program to be initiated by the USDA at this time, he said.

Gast said that some packing plants have been reluctant to enter into the voluntary control program because of present regulations while other packing plants are just waiting to see how the program develops, he said.

The USDA is presently experimenting with "hands off inspection" to increase government and industry efficiency, Gast said. For example, in the poultry industry, he said, preliminary flock inspections are being made to pinpoint disease problems in advance. In the red meat industry, postmortem inspections are being done to again increase efficiency, he said.

In its label approval system, USDA is also trying to improve its efficiency.

EEC announces farm price rises

The European Economic Community Commission has announced that it would advocate farm price increases ranging from four to 12% and also proposed that producers of surplus products, especially cereals and milk, should bear the costs of getting rid of excess production, according to CNS.

EEC Agriculture Commissioner Paul Dalsager said the entire package will cost the EEC budget 447 million European currency units in the next 12 months, well inside the EEC's budgetary restraints.

Co-responsibility measures have been proposed in the cereals sector for the first time and would penalize producers by reducing the intervention price by one percent for every percentage point that production rises above the set limit, up to a maximum of five percent.

The trigger levels for cereals would be 4.3 million tons for durum wheat, 46.9 million for soft wheat and 69.6 million for other cereals.

The proposals included price specifications for soft wheat, durum wheat, barley, rye, maize, rice, sugar, rapeseed, sunflower seed, flaxseed, castor seed and other oilseeds.

Gast said, and many new operational procedures are being tried on a pilot basis.

Presently, he said, three field delegations have been added for label submission in addition to the Washington D.C. office. By the statute set in the Meat Inspection Act, the USDA must approve all labels prior to their use.

Another pilot program being tested, Gast said, is allowing meat and poultry inspectors to review and approve simple labels. These two labeling pilot tests will end in March, he said. It is hoped that the waiting period for label approval can be shortened.

In addition, labels that have been submitted and approved in sketch form need not be re-submitted for re-approval in the final form, he said.

Also a newly adopted practice will be the publishing of label policy memos in the Federal Register, Gast said. The first policy memos will appear in the Federal Register in one week, he said.

USDA hopes to adopt a quality control system itself to gauge the Department's

error rate in accepting or rejecting proposed labels, Gast said.

In the case of a printing or minor error, the USDA will grant a temporary label, Gast said. However, the Department does not follow up such temporary labels to see that permanent labels are printed and utilized. The USDA is attempting to develop a follow-up procedure and develop a more formal procedure for label reconsideration, he said.

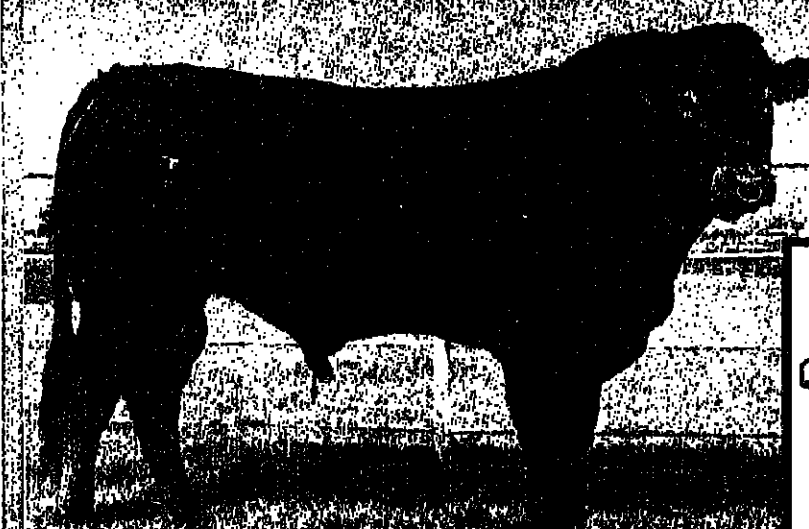
USDA is also preparing a notice to clarify a 1980 proposal published in the Federal Register stating that label review would be done in a first-in, first-out basis with provisions for exceptions, Gast said.

He said, USDA is combining its label approval policy books. All of this is being done to get label approval procedures and policies "out of the closet," Gast said.

Presently, Gast said, it is left to the industry to report any discontinued label. However, the USDA eventually plans to keep closer tabs on which approved labels are actually in use, he said.

Do it with a Limousine
Take the fat off, that is!

"Unless you can bring to market large numbers of lean, competitively-priced beef cattle, beef consumption will decline," said Peter A. Magowan, Chairman of the Board, Safeway Stores, at the 1980 Oklahoma Cattlemen's Association.



Northern Dancer, a featured service sire

March 29 will be a good opportunity to start your cattle herd "defatting" program. The Ellis-Vantrease Sale will offer 35 Limousine bulls, 35 purebred Limousine females, and 30 percentage Limousine females. Many will have calves at side and be rebred.

This herd is performance and show ring oriented. Northern Dancer, one of the featured sires, sired the top weaning calves (541 lbs.) in the 1979-80 progeny test program and had no calving difficulties. The Ellis-Vantrease herd has shown at least one champion at three consecutive World Limousine Futurities.

Ellis-Vantrease Limousine will not only breed the fat off, they will add more pounds of red meat. Update your cattle program at the Ellis-Vantrease Sale March 29.

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Consignments from our neighbors Fred Spitz & Sons, Dr. B.J. Rutledge, Bill Herron, Dr. Wm. O'Quinn and Leonard Reeve.



Sun. March 29

85
Modern Bulls
65
Modern Females
Ambro D.V.

Cattlemen urge Congress support

(Continued from page 1)
government programs but in less government bringing less inflation and a rebuilding of the private economy. "We believe in the free enterprise system," Swan said. "Like the general public, we will benefit most from the government's standing up and saying 'no'."

'Tough-guy' utility tactics shock ranchers

(Continued from page 1)
and economic impact would be less.

John Flink, an aide to Sen. Max Baucus suggests that a large part of the problem is the absence of any attempt by BPA to notify residents of their plans.

"BPA has made no good faith effort to inform the local populations about their plans in the Garrison, Hot Springs, Deer Lodge Valley areas of Montana. Because of independence of federal power administrations like BPA, which do not even have to go to the U.S. Congress annually for funding, it is difficult to find any leverage that will slow their down long enough to hold hearings to consider alternative routes for their giant power transmission lines."

"Senator Baucus office is really acting in the capacity of the Montana Board of Natural Resources, in trying to delay plans and exact a committee to honor Montana's Siting Act with future plans," Flink explained.

Some leverage is available in that an Environmental Impact Statement (EIS) has to be filed, but as soon as the draft statement is on file some work can begin. And, although the lines are an eyesore, there is not much evidence of environmental damage. James Bloomquist of the Sierra Club in Seattle has been involved in several power line battles, and concedes they're probably relatively safe. But, he points out, power companies have to keep the vegetation down under the lines and they spray with a herbicide that may cause problems for the rancher's animals, crops and endanger wildlife.

In the Lacey's case their sprinkler irrigation system will be rendered nearly useless because of the time and expense involved in breaking the lines in order to move the system around the proposed power lines.

Ted Regier, a rancher near Aurora, Neb., took his case against the Nebraska Public Power District all the way to the state Supreme Court, and won a much larger settlement. That NPPD had offered because transmission lines made his center pivot irrigation system useless in some areas.

to all those who ask for exceptions to general tax and budget cuts. The record of the critics who want to change the current proposals doesn't speak well for the changes they want to make.

"Past policies, which found every group asking for and getting its own special appropriations or subsidies, obviously added up to deficit spending, burdensome government and raging inflation. It's time to call a halt to irresponsible budgeting. That's why we are focusing this week not on cattlemen's special problems but on over-all economic problems."

"Actually, this approach is in our own 'special' interest. We cannot stay in business if costs keep rising faster than cattle prices. And demand for beef cannot improve unless people's real incomes improve. We simply must have a more productive, growing economy."

\$1 checkoff seen ahead for industry

(Continued from page 1)
dinated by the Beef Industry Council of the Meat Board. Beef surplus states are encouraged to invest at least 60% of their collections in the national program.

State beef councils are encouraged to coordinate programs through the Beef Industry Council of the Meat Board. Working together, the state and national organizations must target programs and resources to effectively reach urban consumers, thereby returning maximum benefits to the industry.

These recommendations will help the industry implement the findings of the national Doane survey of cattlemen taken in mid-1980, the Meat Board said.

Auction Results

"GEM STATE CLASSIC" FEMALE SALE
Twin Falls, Idaho, Feb. 13

16 bred heifers \$2,009
18 open heifers 1,871

Auctioneer: Ken Troutt

Tops: Freeman Barbara G222, 3/27/78 by K A F Northern Jet 1045; Freeman Angus Ranch, Inc., Baker, Ore., to Crown Point Angus, Kimberly, Ore., \$7000; Meadow Mile 012, 3/22/80 by PS Power Play; Meadowmore Angus Farms, Deer Park, Wash., to L & A Angus, Des Moines, Calif., \$4600; Black Lucy 12 of A B, 2/1/80 by Elsenmore Madras, piece J A O; Boehlke Angus, Nampa, to George Bretton; Empire, Calif., \$3300; Deep Creek Blackbird 178, 2/24/78 by Shearbrook Shoshone 280N; Deep Creek Angus Ranch, Polatch, to Tar Heel Angus, Nampa, \$3100; Tar Heel Angus 7814, 3/21/78 by Thomas Chaps; Tar Heel Angus to Jeff Neumeyer; Bonners Ferry, \$8800; Tar Heel Miss Duluthess, 3/25/80 by Sir Wms Warrant; Tar Heel Angus to Kenneth Johns, Clover Valley, Nev., \$2800; Wheel Swan G50, 2/1/78 by Nelson Big Wheel 626; Weeks Brothers, Minidoka, to Shesky Angus, Ranch, Haines, Ore., \$2200.

This sale was changed from a fall event and tied in with the annual association bull sale. These were both held in the excellent facility at the College of Southern Idaho in Twin Falls. The female sale featured a strong contingent of bred and open heifers and became the highest averaging "Gem State Classic" ever held.

pointed out that agriculture is in a particularly vulnerable position because of inflation. For one thing, farmers and ranchers, selling commodities as opposed to branded products and services, cannot immediately pass on cost increases. They have no control over the prices they receive.

Unless the economy becomes more stable and unless some of the regulatory and tax burdens are eased, cattlemen said, still more producers will be squeezed out and meat supplies will be reduced.

Citing the adverse effects of excessive government and counter-productive tax policies, the NCA directors compared the U.S. economy in recent years with the economies of other industrial countries. During the past 12 years, the U.S. has had: (1) the lowest growth in real wages; (2) the highest rate of unemployment, except for Canada; and (3) the poorest rate of economic growth, except for the United Kingdom. Real wages (after adjusting for inflation) have risen 25% in Japan and only 15% in the U.S.

Heifers: JA Stan Lass 952J, 3/15/79 by JA Standard Lad 7075; Carl Schoer, Gridley, Calif., \$1600; JA Standard Lass 903J, 2/16/78 by TS 155 Stan Lad 5569; Carl Schoer, \$1100

Auction Results

JACKS VALLEY RANCH
HEREFORDS
Carson City, Nev., Feb. 23

41 bulls \$1,745
9 heifers 870

Auctioneer: Ken Troutt

Bulls: JA Stan Lad 9105J, 9/27/78 by TS 155 Stan Lad 5569; How Herefords, Ward, Calif., \$5000; JA Standard Lad 914J, 2/22/79 by TS 155 Stan Lad 5569; Mills Herefords, Gridley, Calif., \$3200; JA Stan Lad 971J, 9/13/79 by JA Standard Lad 7074; Axtell Herefords, Axtell, Utah, \$3100; JA Standard Lad 902J, 2/15/79 by S 155 Stan Lad 5569; San Felipe Ranch, Merced, Calif., \$2800; JA Command 9003J, 9/27/78 by JBB Command 819; Heritage Ranch, Gardnerville, and Carmichael Ranch, Sierra, Calif., \$2700; JA Standard Lad 929J, 3/17/79 by TS 155 Stan Lad 5569; Bidwell Herefords, Caswell, Calif., \$2550; JA Standard Lad 928J, 3/17/79 by TS 155 Stan Lad 5569; San Felipe Ranch, \$2400; JA Standard Lad 954J, 3/18/79 by TS 155 Stan Lad 5569; San Felipe Ranch, \$2400; JA Stan Lad 8011J, 10/1/78 by TS 155 Stan Lad 5569; Heritage & Carmichael Ranches, \$2000; JA Standard 992J, 3/2/79 by TS 155 Stan Lad 5569; Park Livestock, Gardnerville, \$2000; JA Stan Lad 9123J, 10/8/78 by TS 155 Stan Lad 5569; San Felipe Ranch, \$2000.

Heifers: JA Stan Lass 952J, 3/15/79 by JA Standard Lad 7075; Carl Schoer, Gridley, Calif., \$1600; JA Standard Lass 903J, 2/16/78 by TS 155 Stan Lad 5569; Carl Schoer, \$1100

John Ascuaga drew a good crowd to his first production sale. After seeing his powerful bull and heifer offering at the recent Nugget sale, everyone said they just had to go see if the rest of his cattle were the same kind, and they were—selling at good, solid prices.

—DON DORIS

HORSE HEAVEN HEREFORDS

Harmon, Ore., Jan. 28

48 two-year-old bulls \$1,207
5 full yearling bulls 1,030
14 females 638

Auctioneer: Ken Troutt

Bulls: HH Std Evam L22, 3/21/79 by Real Evam 7; Daynes Hereford Ranch, Twin Buttes, Mont., \$2500; HH Std Evam, 5/1/79 by Real Evam 7; Daynes Hereford Ranch, \$2100; HH Std Evam L63, 3/17/79 by Real Evam 7; Double M Ranch, Adams, \$2000; HH STD Evam L25, 2/21/79 by Real Evam 7; Alex Hillbom, Gooding, Idaho, \$1700; HH Std L33, 2/25/79 by HH Std Evam J31; Double M Ranch, \$1750; HH Std Evam L32, 2/24/79 by Real Evam 7; Carl Jones, Ellipta, Wash., \$1500; HH Std Evam L43 Twin, 3/17/79 by Real Evam 7; Carl Jones, \$1450.

Females: HH H1 Std Lass M53, 3/17/80 by H1 Standard Lad 23F; Randy Smith, Mesa, Wash., \$750; HH H1 Std Lass M4W, 3/15/80 by H1 Standard Lad 23F.

REGISTERED DEVON CATTLE

Polled & Horned
Ran
Amesbury
Maine
Breeding Stock Available at All Times
COUNCIL: 1100 • 1100 • 1100
FAIR E POINT UREIGN 9/524

Harper Herefords, Chester, Wash., \$700; HH Std Domino M74, 3/26/80 by Montana Domino 76173; Harper Herefords, \$700; HH Std Domino M93, 4/3/80 by Montana Domino 76173; Harper Herefords, HH Std Domino M90, 5/1/80 by Montana Domino 76173; Mike Lancaster, Mesa, Wash., \$700.

The strength of the purebred program reflects itself in the ability of the program to improve the horse. Harper Herefords has been able to offer better stock with each year and unfortunately the market has lagged behind the steadily improving offering. The set of bulls could work to the advantage of many commercial operators and perhaps in the future more bull buyers will realize that this sale provides an excellent opportunity to buy.

—JOHN COOTE

WINDMILL OWNERS

After changing well known by many years Perma-cups are not old urethane, more wear resistant than most. Perma cups will outlast urethane 10 to 1. Their wearing surface allows only 1/8" wear in a year of use. A leather Muckler for easy pumping, Perma cups must be used in good or new condition, as they do not swell from urethane. Perma cups, urethane, urethane pump, urethane pump, and don't pull them out for many years. Thousands are available that have not been replaced in 2 years. All are available in standard sizes and pipe sizes. Please call for our catalog. We ship and day order received. This is a real saving ranchers.

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806/352 2761

Compare the imported ear tag to the American ear tag.

Compare Shape

The imported tag has a square shape. The All American tag has sloped shoulders for less chance of snag and catching. Also the American tag has a longer neck to let you see more of the tag around the ear hair.

Compare Sizes

The imported tag come in four sizes: round, medium, large and maxi. The All American tags come in five sizes: round, mini, small, medium and large. This large size has more letter space than any tag on the market.

Medium size All American Super Size 2 piece ear tag

Large size Foreign made 2 piece ear tag

Compare Colors

The imported tags come in eight colors: yellow, blue, green, white, red, orange, purple and black. The All American tags come in seven colors: yellow, orange, white, red, black, green, and blue.

Compare Buttons

The imported tag button is hollow allowing the applicator pin to penetrate every ear. The All American tag button has a solid top so that each button just penetrates one ear giving less chance of spreading infection from ear to ear.

Compare Applicators

The imported applicator is like a pair of pliers with a narrow throat in which a thick ear has to fit. The American Tagger II has a wide-open throat designed especially for ear tag use, not to pinch the ears.

Compare Place of Manufacture

The imported tags are manufactured overseas and shipped into the USA for sale. Meat and fiber shipments also come into the USA only our markets from the foreign country. The All American tags are made in Cody, Wyoming, USA.

Compare Delivery

The imported tags are shipped in bulk to the USA and then re-shipped to stores and customers. The All American tags are shipped from the plant in Cody, Wyoming, to stores and customers.

Foreign made applicator

American Tagger II

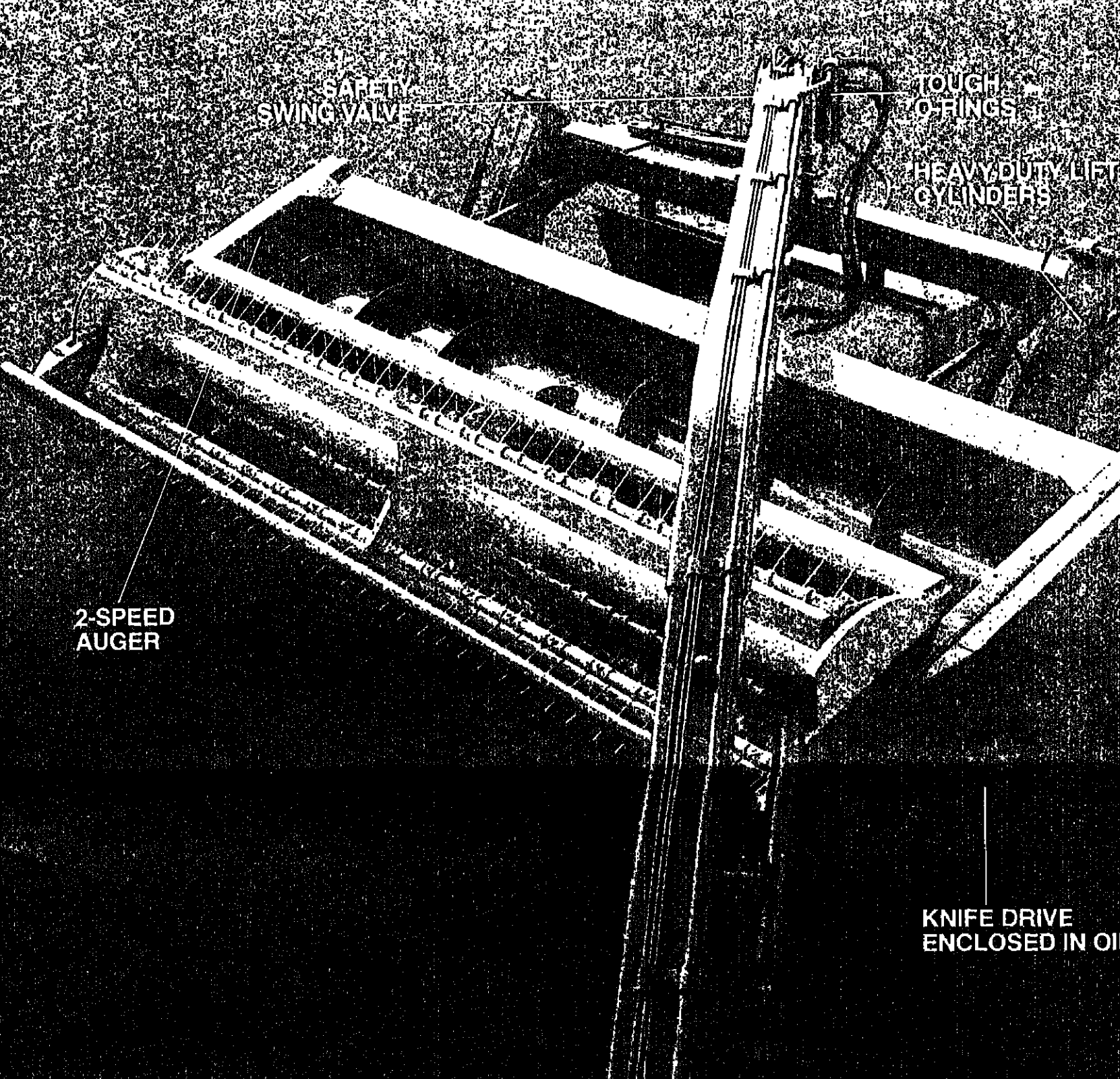
Y-TEX EAR TAGS are sold at leading stores across the USA who carry All American products.
For more information, see your local supplier, or call toll-free to Y-TEX in Cody, Wyoming, at 800-443-6401.

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When you compare, remember all the corners we didn't cut



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KNIFE DRIVE ENCLOSED IN OIL

There are lots of ways to build a bargain mower/conditioner. Just cut a corner here, scrimp a little there, and on and on. Unfortunately, every time you cut corners you also cut convenience and performance.

But at John Deere, we cut your work time, not our corners. Our "no shortcuts" policy gives our 1380 a real edge over its nearest competitor.

For example, the 1380 encloses its knife drive in oil to reduce wear and maintenance. Our nearest competitor still makes do with sway-bar sickle drive.

Next, take a look at the 1380's lift cylinders. Their 12.5-inch stroke gives you plenty of platform lift height for easy windrow clearance. Compare that to the competition's hay-dragging 6.5-inch stroke.

The 1380 gives you 20 percent more pump power than the nearest competitor, plus we use reliable O-rings throughout to reduce hydraulic leaks. The competition is still taking chances with pipe fittings.

We even put a safety valve on our swing circuit to give you confidence during transport. The competition lets you take your chances.

And the 1380 gives you a choice of two easy-to-set auger speeds so you can adapt to different crops. The competition gives you one speed. Like it or lump it.

No, we don't cut corners with the 1380, and neither will you. Instead you'll use its mid-pivot design to cut down one side of the field, pivot, and come right back up the same side of the field.

You'll really appreciate those long, no-corner rows when you're jockeying a baler and wagon behind your tractor.

Stop by your John Deere dealer's today and get a "no-shortcuts" 1380 for yourself.

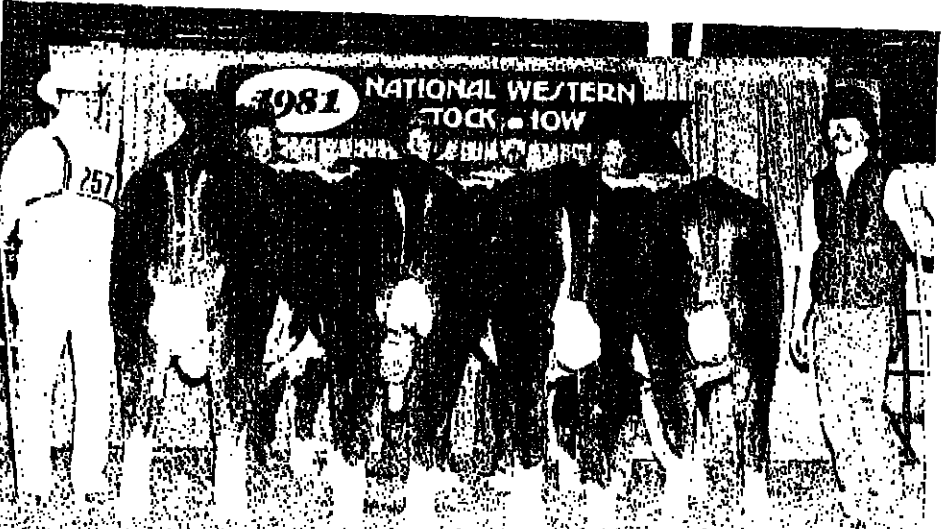


THE HAY SPECIALIST

Show Results



BEST SIX—Nelson Angus Ranch of Salmon, Idaho, exhibited these six Angus cattle to win the best six head class at the National Western Stock Show in Denver. Show judge was Jerry Fitzgerald, Harrison, Neb.



WINNING GROUP—In the history-making Hereford activities at the National Western Stock show in Denver, the BB Cattle Co. of Connell, Wash., claimed the coveted get-of-sire first-place award. The sire of the winning get was BB Mark Domino 704. There were some 7000 people in the stands to witness the Hereford show with 265 owners from 32 states competing for the \$100,000 in prize money.

Valley View Angus Ranch

Wednesday, March 18

1 p.m. at the ranch
Harlem, Montana

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81 Registered Angus

28 Two-year-old Bulls
30 Big yearling Bulls
25 Bred Heifers

Yearling weights taken 2/19/81 on Senior Bull Calves
Over 1/2 weighed 1,000 lbs. or more!

Featuring Herd Sires:

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Rito Ever 8100 GDAR
Solheim Emulous 02X9
(heifers are bred to 02X9)

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Auctioneer: Jim Baldrige

Valley View Angus Ranch

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Gene Cowell 406/353-2487 • John Cowell 406/353-2789

Congress gears up for '81 farm bill

Hearings on a new four-year farm bill got under way last week and will continue through March 26 in both House and Senate. Although there has been a proposal offered to extend the present farm bill for one year, it's not considered likely to succeed.

According to E. (Kika) de la Garza (D-Tex.), Chairman of the House Agriculture Committee, every attempt will be made to complete work on the legislation by the May 15 Budget Act deadline. In announcing hearing schedules, de la Garza said: "We will be writing what I hope will be a four-year bill. It will deal with programs beginning with 1982 crops of wheat and feed grains, cotton, rice, dairy products, and wool, among other items. I hope the result will be a law which helps farmers earn a fair return in the face of steadily rising costs."

In explaining the post-

ponement of Secretary Block's first day appearance before the House committee, de la Garza said "...it has been decided that we will hear him after farmers, farm organizations and others interested in the bill have given their views. This change will give the Secretary additional time to confer with the President and other Administration officials and complete the process of making recommendations on the many complex issues involved in the farm bill."

National Cattlemen's Assn. predicts that budget cuts will be in dairy price supports, food stamps, school lunch subsidies, rural electrification, FHMA loans, alcohol fuel loans. NCA says that "much of legislative attention will be on grain programs, but other subjects will be considered (to) include research to improve productivity, and export promotion." NCA urges "more

emphasis on exports of meat, which is a higher value product." Some of the feed grain which is now exported should go in the form of meat.

The Senate Committee will hear witnesses on livestock issues Friday, March 13. On the House side the full committee will continue hearing testimony from national farm organizations Tuesday, March 10. Individual commodity programs will then get close scrutiny at the subcommittee level for the next few weeks. The Livestock, Dairy and Poultry Subcommittee will spend a large portion of hearing time on dairy price support and indemnity programs.

Other areas that will get Congressional consideration as part of the 1981 farm bill are: food stamps, consumer relations and nutrition education program, conservation, credit, exports, and specific commodities.

Market Roundup:

Fed cattle surplus drags down prices

The fed cattle market continued to be plagued by abundant numbers of heavy overfinished cattle through all of January and most of February. Prices dipped below \$60 per cwt. at many locations in early February. Widespread winter storms and cold weather, which resulted in transportation problems as well as limiting weight gains, helped stop the slide in prices by mid-month, and allowed a rebound to the mid-\$60 level.

If the cattle feeding industry can continue making progress in working through the overweight cattle problems, prices should show some strength from now through the second quarter. Although prices may approach \$75 per cwt. on occasion, average prices much above \$70 per cwt. likely will be hard to sustain for any extended period of time.

AMARILLO FEEDER STEERS, md. frame #1 515 lb. \$75; 500-600 lbs. \$67.50-73; 600-700 lbs. \$67-70; 700-825 lbs. \$66.50-69. Md. frame #1-2, 400-500 lbs. \$66.75-71.50; 500-600 lbs. \$64.50-69; 600-800 lbs. \$62.50-67.50; 800-900 lbs. \$60.50-64.50; Holsteins \$64.75-68.75. Heifers, md. frame #1 300-400 lbs. \$68-71.75; 400-500 lbs. \$63-69.25; 500-700 lbs. \$61-64; 700-800 lbs. \$59.50-61. Md. frame #1-3 295 lb. \$70; 400-500 lbs. \$62.50-64; 500-800 lbs. \$57.25-62.25; 600-700 lbs. \$54.50-61.50; 700-800 lbs. \$52.50-55.75.

Arizona slaughter steers, good to mostly choice 2-4, 110-1125 lbs. \$66; mixed good and choice 2-3 950-1150 lbs. \$66-67; good 2-4 1000-1075 lbs. \$67-67.50; 1200 lb. \$63.50; mostly good 2-3 950-975 lbs. \$66.50-67; 1000-1125 lbs. \$65-66.50; Holsteins \$62.50-63. Heifers, good to mostly choice 2-3 950-975 lbs. \$63; good 2-3 850-900 lbs. \$62; mostly good 850-1000 lbs. \$60.50-61. Feeder steers md.

IDAHO SLAUGHTER STEERS, mostly choice 2-3 1200 lbs. \$63.50; 1050-1200 lbs. \$63-63.50; choice 2-3 1200-1250 lbs. \$62-63. Heifers, mostly choice 2-3 950-1000 lbs. \$61-62. Feeder cattle md. and lg. frame #1 steers, 525 lbs. \$75; 700-800 lbs. \$70-71; 875 lbs. \$68. Heifers 550 lbs. \$64.50; 750 lbs. \$63; 800 lbs. \$63.50.

San Joaquin, Nevada, slaughter steers, choice 2-4 1050-1250 lbs. \$65-66.50; choice 3-4 1350 lbs. \$64; good and choice 2-3 1050-1100 lbs. \$66-66.50; YG 2-4 1100-1200 lbs. \$63-64; good 2-3 1050 lbs. \$66. In Nevada, choice 2-3 1050-1150 lbs. \$64-65; good and choice 2-3 1075 lbs. \$64.50. Heifers, choice 2-4 1000-1100 lbs. \$62.50-63; good and choice 3-4 1150-1200 lbs. \$61; comm. to choice 2-4 700 lbs. \$104; good 2-3 \$98; comm. \$92. In Nevada, choice 2-4 1000-1050 lbs. \$61.75-62. Feeder cattle md. frame #1 475 lbs. steers \$78; 625-800 lbs. \$69-71.50; md. frame #1 600 lbs. heifers \$63.

Washington and Oregon slaughter steers choice 2-3 1050-1150 lbs. \$64.50-65; choice 2-3 1150-1250 lbs. \$63-63.75; Holsteins \$100. Heifers, choice 2-3 925-1050 lbs. \$61.75; mostly choice \$62. Feeder cattle md. and lg. frame #1 steers, 500-600 lbs. \$74-75; 600-675 lbs. \$72.50-73; 725-800 lbs. \$70-71; 950 lbs. \$69.50. Heifers, 525-550 lbs. \$65; 650 lbs. \$65.50; 600 lbs. \$65.25; 700 lbs. \$66.80; 800 lbs. \$65.50.

COLORADO SLAUGHTER STEERS, choice 2-4 1050-1100 lbs. \$63-64; 1050-1225 lbs. \$61-63; Holsteins \$69. Heifers, choice 2-4 950-1100 lbs. \$61-67.25; mostly choice \$66.50-67.50. Feeder cattle, heifers md. and lg. frame #1 550 lbs. \$67.

Texas, and western Oklahoma slaughter steers, good and mostly choice 2-4 1000-1250 lbs. \$64-64.50; good and choice 2-4 1000-1250 lbs. \$62-64.25; Holsteins \$61.50. Heifers, good and mostly choice 2-3 875-1000 lbs. \$62-63; mixed good and choice 2-4 850-1100 lbs. \$61-62; heiferettes \$58-60.75. New Mexico slaughter steers, mostly choice 1000-1100 lbs. YG 2-4 \$64-65; good and choice 1000-1150 lbs. \$63-64; Holsteins \$60.50. Heifers, mostly choice 875-950 lbs. \$62-63; good and choice 850-900 lbs. \$61-62; mostly good 700-750 lbs. \$59.50; 600 lb. \$61; 550 lb. \$54.

SOUTHERN SACRAMENTO VALLEY slaughter steers choice 2-3 1050-1100 lbs. \$66; good and choice 2-4 1100-1175 lbs. \$64-65.50. Heifers, choice 2-4 950-975 lbs. \$63. Feeder cattle md. frame #1-2 steers 700 lbs. \$68.50. Heifers md. frame #1 675 lbs. \$62.50. Replacements, md. frame #1 cows young to middle aged 1000-1100 lbs. with small to 200 lb. calves at side \$700 per pair; young cows 850-1000 lbs. bred to calve in fall \$650.

Utah slaughter steers, good to choice 2-3 1125-1200 lbs. \$63-63.50; good and choice 1090 lbs. \$62; Holsteins \$68.50. Heifers, good to choice 2-3 950-1000 lbs. \$60-61.50. Feeder steers md. frame #1 450 lbs. \$80; 450-550 lbs. \$72-75; 695-750 lbs. \$69.50-71; 800-900 lbs. \$65.75-67. Lg. frame Holsteins \$56-56.50. Heifers, md. frame #1 400-550 lbs. \$62-65. Southern California, desert area slaughter steers, good 1000-1035 lbs. \$66.50-67.50; 925-1025 lbs. \$66-66.25; Holsteins \$63.

MIDWEST, SIOUX FALLS slaughter lambs choice and prime 90-120 lbs. #1-2 fall shorn pelts \$64-68; 96-122 lbs. \$58-59.25 at Sioux Falls. Choice and prime 90-120 lbs. woolled \$52-56; 95-118 lbs. \$55.25-58; 118-129 lbs. \$54-46. San Angelo choice and prime 100-125 lbs. #2-3 pelts \$6" V; 95 lbs. spring \$60.25. Slaughter ewes, San Angelo \$39-37; ut. \$28-38; cull and ut. \$22-26. Midwest ut. and good \$16-24; cull \$9-16.

Feeder pigs, US 1-2 20-30 lbs. \$35.50-39; 30-40 lbs. \$39-49.50; 40-50 lbs. \$46-48.50; 50-60 lbs. \$46.25-49.50; 60-70 lbs. \$46.75-51.25. US 1-2 33-37 lbs. \$33-35.50; 38-49 lbs. \$42-48; 50-55 lbs. \$46-52; 59-70 lbs. \$52-57; 72-86 lbs. \$54-56.

CENTRAL AUCTION ROUNDUP

(Reports as quoted by markets)

LIVESTOCK EXCHANGE, INC.
Brush, Colo., Feb. 26-27

7,417 head received: Feeder steers, choice 200-300 lbs. \$96-98; 300-400 lbs. \$78-83.50; 400-500 lbs. \$71-75-77.50; 500-600 lbs. \$70.75-74.50; 700-800 lbs. \$65.10-69.25; 800-900 lbs. \$60-64.50. Feeder heifers, choice 200-300 lbs. \$77-80; 300-400 lbs. \$73-74.50; 400-500 lbs. \$66.50-74.50; 500-600 lbs. \$66.75-67.25; 600-700 lbs. \$63.60-66.25; 700-800 lbs. \$61.10-64.30; 800-900 lbs. \$59.25-61.75; 900-1000 lbs. \$56-59.25. Slaughter cows, ut. and comm. \$42-46.50; canner and cutter \$39.50-43.75. Slaughter bulls, YG 1 \$50.50-57; YG 2 \$49.10-53. Replacements, pairs \$510-585; 1st call heifers \$425-530; older bred cows \$410-510.

CLOVIS LIVESTOCK MARKET, INC.
Clovis, N.M., Feb. 25

4,077 head received: Feeder steers, md. frame 1 300-350 lbs. \$62-80.50; 350-400 lbs. \$75-82; 400-500 lbs. \$70-74.25; 500-600 lbs. \$69-75.71. Md. and lg. frame 1-2 450-500 lbs. \$69-71.20; 575-750 lbs. \$67-70.40. Feeder heifers, md. frame 1 300-400 lbs. \$66-72.75; 400-500 lbs. \$64-66.50; 500-600 lbs. \$63-64.20; 600-650 lbs. \$62.80-64.10. Md. frame 1-2 300-500 lbs. \$60-65; 550-750 lbs. \$58-62.50. Slaughter cows, ut. and comm. 2-4 \$43.50-47.50; cutter \$40-43.50. Slaughter bulls, YG 1-2 1115-1730 lbs. \$61.50-60.50; YG 1 1580-2115 lbs. \$62.30-62.60.

TORRINGTON LIVESTOCK COMMISSION CO.
Torrington, Wyo., Feb. 27

2,823 head received: Feeder steers, choice 300-400 lbs. \$81-83; 400-500 lbs. \$76-80; 500-600 lbs. \$74-79; 600-700 lbs. \$69-73. Feeder heifers, choice 300-400 lbs. \$70-73; 400-500 lbs. \$68-70; 500-600 lbs. \$65-68; 600-700 lbs. \$63-65. Slaughter cows, ut. & comm. \$44-45; canner and cutter \$38-43. Slaughter bulls, YG 1 \$50-56.

CENTENNIAL LIVESTOCK AUCTION
Fort Collins, Colo., Feb. 28

1,844 head received: Feeder steers, md. frame 1 325-350 lbs. \$82-84; 350-425 lbs. \$77-50.

WESTERN LIVESTOCK JOURNAL

March 9, 1981

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83-50; 400-450 lbs. \$75-84; 435-575 lbs. \$73-80 Md and lg. frame 1 400-520 lbs. \$74-79.50; 525-675 lbs. \$70-71.35. Feeder heifers, md. frame 1 230-400 lbs. \$71-76.50; 400-500 lbs. \$67-72.50; 500-625 lbs. \$68-68.11-775 lbs. \$56.75-61.25. Slaughter cows, high cutter and ut. \$95-145 lbs. \$42-46; high yielding 1100-1165 lbs. \$47-49.75; cutter and low ut. \$39-42; canner \$34-39.50. Slaughter bulls, YG 1-2 \$50-55; YG 2 \$52.25-56; high yielding 1655 lbs. \$59; low yielding \$48. Replacements, md. frame bred heifers and mixed age cows 850-1000 lbs. \$405-570.

EL PASO LIVESTOCK AUCTION CO., INC.
El Paso, Texas, Feb. 24

1,092 head received: Feeder steers, choice 450-500 lbs. \$72.50-85; good to md. \$65-70. Cattle, choice 250-400 lbs. \$75-90; crossbred \$76-85. Feeder heifers, choice 450-500 lbs. \$61-67; good to md. \$55-62.50. Cattle, choice 250-400 lbs. \$65-70; crossbred \$62.50-85. Slaughter cows, ut. and comm. \$42.50-52; standard \$39.50-58; canner and cutter \$35-42.50. Slaughter bulls, ut. and comm. \$52.50-62. Replacements, pairs \$425-650; stocker bulls \$55-62.50; stocker cows \$38-52.50.

SHEEP CENTENNIAL LIVESTOCK AUCTION
Fort Collins, Colo., Feb. 26

954 head received: Sheep, slaughter lambs choice and prime woolled 91-110 lbs. \$60.75-61.75; 93-119 lbs. \$54.50-58.75; 105-110 lbs. shorn \$61-62.50; 140-148 lbs. \$34.50-43. Feeder lambs, choice and fancy 55-88 lbs. \$62-66; 70-80 lbs. \$59-65; 88-93 lbs. shorn \$58.25-68.75. Slaughter ewes, ut. to good 125-244 lbs. \$22-30.50; cull to ut. 108-155 lbs. \$13-21.

HOGS CENTENNIAL LIVESTOCK AUCTION
Fort Collins, Colo., Feb. 25

153 head received: Hogs, barrows and gilts 194-240 lbs. \$39.25-41.25; 245-285 lbs. \$35-38.75; 302-338 lbs. \$31.25-32.25. Slaughter sows, 1-3 305-750 lbs. \$30-34.20. Slaughter boars 325-795 lbs. \$24-29; 120-149 lbs. \$28.50-29; 155-185 lbs. \$23-29. Feeder pigs, weaner 18-25 lbs. \$16.50-20 per head.

SPEAKING OF DIRECTION—Julie Tucker, Mullen, Neb., was featured as the guest speaker at the annual Texas Junior Hereford Assn. held during the Sand Hills Hereford and Quarter Horse Show, Odessa, Texas. Julie's comments were centered on the topic "A Decade of New Dimensions, Directions, and Deductions." Her speech was previously selected as one of the top five in the National Public Speaking Contest, held during the 1980 American Junior Hereford Assn. convention.

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100 F1 Crossbred Heifers—Bred to Brangus Bulls
150 Brangus Heifers—Bred to Longhorn Bulls
150 Angus Cows—Bred to Hereford-Simmental Cross, age 4-6
150 Hereford and Charolais—Bred to Brangus Bulls, age 4-6

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30 Registered Females

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DH 685 SH Advance B DH 68 Misch K81
CH Domino 5005 DH 66 Misch 53

Robert Schnell, Auctioneer

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Sire: "5005", WR 109, Dam's MPPA 102.

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NO CASH DISCOUNT FOR PAYMENT IN ADVANCE FOR EITHER WORD OR LINE ADVERTISING.
RATES: \$1.00 per word per insertion for business to business and your signature is required. (Special rates for classified ads.)
COMMISSIONS: Classified advertising is NOT a commission business.

CONDITIONS
BLACK AND WHITE: All photographs of horses, ponies, dogs, cats, etc., must be submitted with the ad. The publisher is not responsible for loss of or damage to photographs. The publisher is not responsible for loss of or damage to photographs. The publisher is not responsible for loss of or damage to photographs.
EMPLOYMENT WANTED: All employment wanted ads must be submitted with the ad. The publisher is not responsible for loss of or damage to photographs. The publisher is not responsible for loss of or damage to photographs. The publisher is not responsible for loss of or damage to photographs.
DEADLINE: 4:00 p.m. Tuesday for issues mailed Friday and dated the following Monday.
LIABILITY: Advertiser is liable for content of advertisement and any claims arising therefrom made against the publisher. Publisher is not responsible for errors in phone copy. Publisher reserves the right to refuse any advertising not considered in keeping with the publication's standards.

WESTERN LIVESTOCK JOURNAL

Barbara Wyckoff, Editor
Classified Ad Mgr.
4th Floor
Livestock Exchange Bldg.
Denver, CO 80216
PHONE: 303/623-2800

DO NOT PHONE in response to listed ads. Advertisers' names and addresses are confidential. Write: Showing Ad Dept. 10, on your envelope and your reply will be promptly forwarded.

CLASSIFIED INDEX

- 1 Employment Wanted
- 2 Help Wanted
- 2A Distributors Wanted
- 2B Custom Service
- 3 Cattle
- 3A Livestock
- 3B Cattle
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- 3U Livestock
- 3V Livestock
- 3W Livestock
- 3X Livestock
- 3Y Livestock
- 3Z Livestock

EMPLOYMENT WANTED

MECHANIC SEEKING employment on farm or ranch. 25 years experience. Write: handies parts and records. No children. Call: 209/484-8100.
SINGLE WOMAN desires work on ranch. Experienced. References. Call: 916/233-4819 or write: Kathy Morris, Box 484, Lodi, CA 95186.
In an energy conscious world, classified advertising is an effective way to get buyer and seller together.

RANCH POSITION WANTED

Cow/calf laborer/foreman or riding job. Know cattle and horses. Honest, dependable, trustworthy. Prefer Colorado and surrounding area. Commendable references. 6 a.m. to 6 p.m. or after 6 p.m. Call: 303/772-4405, ask for Joe Patrick.

PROPERTY MANAGEMENT

and security services. 20 years experience specializing in estates, ranches and undeveloped land. Practical, common sense approach. Tropical climate preferred. Write: P.M. Smith, P.O. Box 9442, Phoenix, AZ 85066. Phone: 602/772-1375, Monday through Friday, 9 am-5 pm.

COWCalf FOREMAN

With 14 years experience in all phases of breeding program to include both practical cow/calf and feeding and technical skills. Field inspection and genetics. CALL: 209/484-3902 or 916/224-9231.

HELP WANTED

RANCH MECHANIC. Own tools. References. Call: Roma, Nevada toll station, Grayson Ranch number 1.
MAN WANTED for purchased Hereford ranch in northern California. Experience needed in A.I., fitting sale cattle. Send resume and references to Ad Dept. 543 c/o WLJ.

WANTED: Retired couple for ranch in central Wyoming. Woman to cook for crew, husband for yard work and handyman. Must be clean. 307/738-2257.
RELIABLE cattleman needed. San Bernardino, California. Mountain area. Riding and caring for cattle. Living conditions real good. self contained trailers. Call: 714/242-2714.
ASSISTANT RANCH foreman needed. 7,500 acre ranch northern New Mexico. Salary commensurate with experience and ability. Write Ad Dept. 545 c/o WLJ.
WANTED: Experienced, hardworking man to feed irrigate meadow and alfalfa ranch in western Nevada. Small house and utilities furnished. Salary according to experience and ability. Write Ad Dept. 545 c/o WLJ.
NEED MATURE middle aged couple for ranch work in northeastern New Mexico. Wife to cook for crew. Husband to be general handyman. All modern conveniences. Nice working conditions. Write Ad Dept. 526 c/o WLJ.
NEED MATURE family man with extensive A.I. knowledge and good background in animal health. For work on registered Angus operation in western Nebraska. Call: 308/753-2121, daytime; 308/783-2060, nighttime.

TOP EXPERIENCED HELP

Married man, A.I. doctor and feeding, house and utilities provided. Salary commensurate to experience. Only top men need to apply!
PHONE: 303/841-6337

RESPONSIBLE family man or couple

qualified in cow/calf and purchased operation. Knowledgeable irrigation, hay and general ranch management. Private home, utilities, in southern Oregon. Salary negotiable and references. Write Ad Dept. 543 c/o WLJ.
FARMER FOR IDAHO mountain range 25 miles from Boise. Complete knowledge of sprinkler irrigation, hay and general ranch management. Modern house and meat furnished. Salary open. Donald Ramsey, 1500 W. 130 St., Gardnerville, CA 95949. Call: 213/321-4380.

EXPERIENCED RANCH MANAGER

WANTED
For southern Idaho registered Hereford and farm operation. Must be capable of showing sale cattle and all practical ranch management. Top salary, insurance, house and utilities. Please send resume to:
Ad Dept. 546 c/o WLJ

HELP WANTED

GIRL Friday, housekeeper for registered commercial Hereford ranch. Call: 209/722-1355.
NEEDED PEN riders. Experienced - good reputation. Call: 408/875-3504, speak with Roger VanHorn.

COWBOYS: Soldier Meadows

Ranch needs hardworking cowboy, couple or single man. Remote area. No phone, electricity or school. Good quality cattle and horses. Call: Fred, 702/941-0394.

TOP EASTERN

Great Dane kennel needs live-in kennel manager. Experienced. Must drive. No phone. Separate quarters provided in house. Southwestern Connecticut rural setting. References and picture required. Reply to: N.C. Draper, 106 Old Stagecoach Rd., Ridgefield, CT 06877. Phone: 203/453-2428. Monthly salary.

EXPERIENCED HERDSMAN

For 500 production tested beef cows in west. 2 registered breeds. House, utilities, beef, and insurance program. Must be a good judge of beef cattle and have experience in managing them. Send references and resume to:
Ad Dept. 544 c/o WLJ

RANCH MANAGER for large

registered Hereford ranch for qualified cattleman/producer. Must be able to manage 1,000 cow/calf operation. A.I. breeding, farm 4,000 acres, hay and flood irrigation. Applicants must be both a good farmer and a good manager. Salary commensurate with ability and experience. Housing and utilities furnished. Medical, insurance and retirement programs. Near large community. Write to: schools. Send resume, references and salary history to Ad Dept. 548 c/o WLJ.

CUSTOM SERVICE

Want custom cattle feeding. Room for 800 head. Alfred L. Smith, Bradwell, NE 68319. Phone: 402/738-4403.
Create Interest!
CATTLE HOOF trimming. Gary Goldsmith, Oak, California. 209/746-3978, evenings.

SEMEN

Basolo Pureblood Beef/Blood Semen \$2.00 per Ampule. Purchase direct from the developer.
Bud Basolo
P.O. Box 4267
Burlingame, CA 94010
PHONE: 415/342-8893

Hard to get good help these days?

Not if you advertise in the Classified Corral! Help Wanted section.

CATTLE

REGISTERED HEREFORD, 3 two-year-old bulls. Phone: 303/506-5121.
RED BRAHMAN BULLS
Fertility tested, Registered, big bodied and stretchy.
Jack Cunningham
Mountain Home, TX 78053
PHONE: 512/866-3392

REGISTERED ANGUS
Bulls, registered, purebred, cow pairs. Excellent bloodlines. Spencer Angus Ranch, Santa Maria, California. 805/922-2211.

HOLSTEIN BOYS

Good quality calves 215 to 500 pounds. Thin, quiet bodied, healthy, fully vaccinated. Also black baldies and Herefords weighed and delivered on approval.

K-B CATTLE CO.

Milton, Kansas
PHONE: 913/456-2838

TOP QUALITY registered

Brangus bulls for sale, serviceable age. The going breed for the commercial cattleman. Jack Cunningham, 13700 S. 1st, Lincoln, KS 66545. Phone: 316/273-8311.

23rd Annual

Washington Shorthorn Heifer Show & Sale
Sunday, March 22, 1981
Southwest Washington Fairgrounds, Chehalis.
Selling the best in the west.
Contact:
Randy Repp
Rt. 1, Box 45
St. John, WA 98171
PHONE: 509/848-3837

FISCHER RANCH

Virginia Dale, Colorado
Wellington, Colorado
Excellent, growthy, percentage Shorthorn range bulls available at private treaty. Bulls available from Hereford, Angus, Black & Baldie and part Charolais base cows.

Troy Belyeu, Foreman

PHONE: 303/568-3895

ANGUS BULLS

Full, 2-year-olds and full yearlings from proven A.I. sires. Light birth weight, pasture raised. Devers Registered Angus Ranch, 818/666-3053, Orland, California.

HIGH ALTITUDE BLACK BALDIE

COWS FOR SALE
Approximately 125 head of running cowboys, including a high percentage of second calf heifers, all bred to Extreme Tension. These hardy bulls, ideal for crossing with exotic breeds, have been raised at Kromming, Colorado and have had all shots, including immunization against Scours. Due to calving the last week in March.

Grady Culbreath

PHONE: 303/724-3688

HEREFORD HERD BULL

FOR SALE
Some of Murray Brown's "Jack the Ripper" and a grandson of 053. A half brother to top gainers at Midland. Long, tall and very active. Keeping all his daughters and the semen we have 4 years old and over a ton and has been on pasture all winter. \$4,000.
BITTER ROOT HEREFORDS
Victor, MT 59875
Evenings, 408/642-3354

BRAHMAN BULLS

Yearlings and 2-year-olds. Our bulls will sire the good, F1, fast growing calves.
BRANGUS BULLS
Yearlings and 2-year-olds.
A.V.O.N. DAVIS
13870 Ave. 25, Cheyenne, WY 82009. Phone: 307/865-2273

FOR SALE

Registered Brangus bulls coming 2-year-olds and yearlings. Some out of Wye cows and Rex Center. 34 head in total. Also, 10 registered Wye bred Angus cows bred to Shoshone Titen F200 sires. Average age of cows 6 years old. 7 registered Brangus cows average age 4 years old. Bred to one of the top sires P.W. George Bull 320. All cows are pregnancy checked and vaccinated.

HONEY CREEK BRANGUS

Bob Heldz
Auburn, NE 68305
PHONE: 402/274-4222

ZR-COX HEREFORD SALE

at Cliff, New Mexico
March 14th, Saturday, 1:00 p.m.
Range Raisers - Mountain Ready - Rock Hard - Practical Cattle
60 Bulls
All are practical production tested cattle that have proven they get the job done in rough country. All are pedigree, guaranteed.
Auctioneer: Arlie Kiehne, Socorro, New Mexico
For information and catalogs, contact:
ZR HEREFORD RANCH
Box 0, Santa Rosa, NM 88436
PHONE: 505/472-8141
JAY COX RANCH
Winston, NM 87443
PHONE: 505/894-8804 or 894-3570

CATTLE

FOR SALE: Stock cows 500 head in Idaho. 350-400 head in Oregon. Call: Frank E. Baker, 208/326-5315.

RED BRAHMAN BULLS
Fertility tested, Registered, big bodied and stretchy.
Jack Cunningham
Mountain Home, TX 78053
PHONE: 512/866-3392

RANGE BULLS and females

for sale. Performance tested. Shorthorn, Charolais, R. 1, Box 113, Ardenmore, CA 94007. Phone: 916/953-1000.

Another Capt. THOMAS' Angus

Polled Shorthorn Bulls
Starting March 20 - 1000 A.M.
Quality controlled. Genetically proven. Sound. Dependable. Semen tested. Performance tested.
Frosty Acres, Inc. - Ed, Dale, Ron Albough
Ed: 916/299-3261; Dale: 916/299-3440; Ron: 702/432-4408

It's To Your Advantage To Go M A D

COMMERCIAL BULLS
GET YOUR JOB DONE RIGHT!
Proven on ranch. Growthy calves. Fewer heifer problems. 87% Limousin, 3 1/2 years, 75% Limousin, 3 years, 93% Limousin, 2 1/2 years. Delivery plus or minus 250 miles from Portland.

PHONE

Evenings, 503/879-5636
Grand Ronde, Oregon

L Bar W Land & Cattle Co.

Hollister, CA 95023
PHONE: 408/637-8870
209/722-5577
408/627-0448
503/882-1223

BRAHMAN'S Registered

Manso Bloodlines
45 Cowsing 3-year-olds
Selling Registered All Top Quality
6/4 Mature Cows
Calves in Spring
Near Tazewell, VA
PHONE: 501/772-7875
512/824-4587
FERGUSON CATTLE CO.

HERD DISPERSAL DUE TO RANCH SALE

102 Registered 15 head Limousin 2-year-olds, 100 and 10 registered 2-year-olds Limousin coming 2-year-old bulls. All bred to top Limousin bulls. Performance tested. Large frame. 1,250 lbs. cows due to start calving April 12th.

Francis Blake

Harford, Colorado
PHONE: 303/488-2884

DAVIES SIMMENTALS

The Brand for Performance Tested Range Bulls
For Sale
DAVIES SIMMENTALS
Box 169
Deer Trail, CO 80404
PHONE: 303/822-5341

418 BULLS

(18 Coming 2-year-olds)
163 Simmental
(Many Polled)
40 Gelsh
23 Saker
5 Angus
3 Maine-Anjou
The sale is April 24th, 12 noon MST. Great Falls Livestock Mart Center, Great Falls, Montana.
For More
For More Information, Contact:
Herd Improvement Test
Box 225
Stanford, MT 59717
or call:
Gary Garshel
408/429-5571
Lloyd DeBruycker
408/476-3427
Harold Schmitt
408/727-1118

REGISTERED ENGLISH

Shaggy pups, smart, aggressive. Short tail. Excellent color and condition. Culver, Oregon. 503/846-5802.
Create Interest!
OUTSTANDING. Registered Queensland Blue Heeler puppies from top working parents. Good dispositions, excellent color and conformation. Guaranteed to work. 303/588-7509.

DOGS

BORDER COLLIE PUPS: Registered parents, slick hair. \$100.00. 209/282-8501, after 6.
HALF MONAB and Kelpie pups from good working stock. Evenings, 916/547-3559; days, 916/244-5520.
PROSPECTS and BROKERS may be interested in your property, but they have to see it here before they can contact you. Let WLJ bridge the gap!
AUSTRALIAN Cattle dogs (Queensland Healers), Pups, stud service (red and blue), Dale Gilmore, Box 644, Olney, Texas. 817/584-5789.

LIVESTOCK WANTED

IF YOU HAVE good, sound, large framed, 1,000 plus, open, Charolais cross, Holstein cross or exotic cross cows. Rio Vista Valley is a dream! Truck load minimum only. Call today: 512/877-8014.

CATTLE

SELLING BUFFALO AND GOAT. Highland cattle. Norman Per. 411 Donald Drive, Orinda, CA 94553.

BRANGUS BULLS
FOR SALE
22 Registered 2-year-old Brangus bulls.
PHONE: 817/335-4261 or 824-7523

6 ANGUS RANGE BULLS

18 Months old
JIM CODONI
1212 Hwy. 120
Oakdale, CA 95301
PHONE: 209/847-3501

TEXAS LONGHORN bulls

35 yearling and 2-year-old, purebred bulls for sale. Gerald Degroot, Brewster, NE 68621. Phone: 308/347-2456.

RED BRANGUS

For a free, color brochure on the Big Red Muleys and a list of breeders, contact:
American Red Brangus Assn.
Dept. W, P.O. Box 1328
Austin, TX 78767
PHONE: 512/345-2625

THE REPUTATION BULL SALE

690 Bulls - 7 Breeds
Survey of 1980 Buyers
Less than 1% non-breeders
All Bulls Strictly Selected
APRIL 13-14-15, 1981
CONTACT: Box 690, LLOYDMINSTER, Sask, CANADA S9V 0Y7

LONGHORN BULLS

We have a large selection of breeding age bulls and yearlings ready to work for you.
Call Us
L & L CATTLE COMPANY
Larry, George & Irene Bond
Fruitland, Idaho
Evenings, 208/452-4128

GOATS AND SHEEP

FOR SALE: 130 Rambouillet ewes, 130 head, mixed age. Call: 207/356-4863.
FOR SALE: 1,000, 2-year-old, Rambouillet X Columbia ewes. Choice, smooth body, open face, bred to lamb May 1st. Eugene P. Smith, Box 1, Vaughn, NM 88335. 505/584-2523.

2 REGISTERED PERCHERON GELDINGS

Matched, 3/4 year old, well matched. One gray one black. Phone: 702/784-8250.
GUARANTEED sound, permanent registered geldings, 3 to 10 years old. Trained to work cattle in feed pens or ranch work. Phone: 209/897-5706.

REGISTERED HORSE AUCTION

All-Breeds
Sunday, March 15th, 1:30 p.m.
Warren Showgrounds
Santa Barbara, California
Mike Hoch, Auctioneer
PHONE: 714/885-9800
822-8438

NOW IS THE TIME TO CONSIGN TO THE 18th ANNUAL CALIFORNIA MID-SUMMER QUARTER HORSE SALE

Saturday, May 30, 1981
Los Angeles County Fairgrounds
Pomona, California
The sale that's been one of the most successful show, performance and racing sales in California for many years!
CONSIGN NOW!
Remember! Early return of your entries insures early advertising, which means more money for YOU!
Write or phone for entry blanks today:
CALIFORNIA MID-WINTER SALES CO., INC.
4500 Campus Drive, Suite 208, Newport Beach, CA 92680
PHONE: 714/459-2856, or 714/789-0311, Evenings
J. RALPH BELL, SALE DIRECTOR

HORSEMAN SUPPLIES

HANDMADE SADDLES
Lariat Ropes. Catalog Available. Cowboy Gear.
RALPH SHIMON CO.
1023 Rd. #9, S.R. Dept. WLJ
Powell, WY 82435
PHONE: 307/754-3358

DOGS

REGISTERED ENGLISH Shaggy pups, smart, aggressive. Short tail. Excellent color and condition. Culver, Oregon. 503/846-5802.
Create Interest!
OUTSTANDING. Registered Queensland Blue Heeler puppies from top working parents. Good dispositions, excellent color and conformation. Guaranteed to work. 303/588-7509.

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Evenings, 503/879-5636
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L Bar W Land & Cattle Co.

Hollister, CA 95023
PHONE: 408/637-8870
209/722-5577
408/627-0448
503/882-1223

BRAHMAN'S Registered

Manso Bloodlines
45 Cowsing 3-year-olds
Selling Registered All Top Quality
6/4 Mature Cows
Calves in Spring
Near Tazewell, VA
PHONE: 501/772-7875
512/824-4587
FERGUSON CATTLE CO.

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For More
For More Information, Contact:
Herd Improvement Test
Box 225
Stanford, MT 59717
or call:
Gary Garshel
408/429-5571
Lloyd DeBruycker
408/476-3427
Harold Schmitt
408/727-1118

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